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AN INVERSE OF THE ELLIPTIC COVERAGE FUNCTION

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13. ABSTRACT (Maximum 200 words)

This report describes an algorithm, INELP, to evaluate an inverse of the elliptic coverage function, ELP. Given a circular target T centered at (h, k); r, the radius of T, is determined for a specified probability P of a shot falling in T under a two-dimensional normal distribution function with mean zero and standard deviations u, v.

A Fortran 77 double-precision subroutine, INVELP, is available that is based on INELP. It produces r to approximately eight significant digits when $10^{-20} \le P \le 1 - 10^{-11}$, $0 \le h / u \le 10^{14}$, and $0 \le k / v \le 10^{14}$.

A table of r as a function of P, h, k, v, with u = 1 is included.

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FOREWORD

This report contains the documentation of an algorithm that is the basis for the Fortran software of an important statistical function used in targeting studies. The software satisfies the high standards required for its inclusion in the NSWC Library of Mathematics Subroutines.

Dr. John Crigler (B10) supplied the external distribution list.

The editorial assistance of David Bozicevich (B60) is appreciated.

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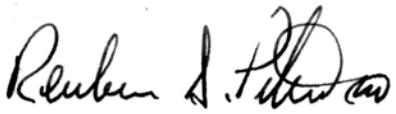

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I. INTRODUCTION

The elliptic coverage function, ELP, defines a probability function P(r, h, k, u, v). ELP gives the probability of a shot falling, under a bivariate uncorrelated normal distribution with mean zero and standard deviations u, v, in a circle, T, with radius r and centered at (h, k) of the x y plane. This probability is given by

$$P(r,\ h,\ k,\ u,\ v) = \frac{1}{2\pi u\, v} \int_{h-r}^{h+r} \int_{k-\sqrt{r^2-(x-h)^2}}^{k+\sqrt{r^2-(x-h)^2}} \exp\left\{-\frac{1}{2}\left[(\frac{x}{u})^2 + (\frac{y}{v})^2\right]\right\}\, dy\, dx. \qquad (1)$$

Introducing dimensionless variables, let $x = (\sqrt{2}\,u)\,s$ and $y = (\sqrt{2}\,v)\,t$, then (1) becomes

$$P(R, H, K, u/v) = \frac{1}{\pi} \int_{H-R}^{H+R} \exp(-s^2) \int_{K-(u/v)\sqrt{R^2-(s-H)^2}}^{K+(u/v)\sqrt{R^2-(s-H)^2}} \exp(-t^2)\, dt\, ds \qquad (2)$$

with $R = r/(\sqrt{2}\,u)$, $H = h/(\sqrt{2}\,u)$, $K = k/(\sqrt{2}\,v)$. Finally, (2) can be written as

$$P(R, H, K, u/v) = \frac{1}{2\sqrt{\pi}} \int_{H-R}^{H+R} F1(s)\, ds, \qquad (3)$$

where

$$F1(s) \equiv \exp(-s^2)\, aerf\,[K,\ (u/v)\sqrt{R^2 - (s-H)^2}\,], \qquad (4)$$

and

$$aerf(a, b) \equiv \frac{2}{\sqrt{\pi}} \int_{a-b}^{a+b} \exp(-z^2)\, dz. \qquad (5)$$

Weapon target studies ([3], [9], [10]) often need the inverse problem solution of finding r given P, h, k, u, v. An objective of this report is to describe an algorithm, INELP, to find r, and to discuss the associated Fortran 77 computer program INVELP and some of its supporting routines.

The Fortran source file IELP.FOR contains 38 double-precision routines, which are itemized in the next section. They include the main subroutine INVELP and all its required supporting routines, some developed by the author and the rest taken from [8].[1] For example, the computation of P from (3) is required throughout. It is carried out by the integration subroutine DQXGS of [8, p. 531]. [2]

Four appendices are included. The procedure used to reduce, whenever possible, the integration interval in (3) is given in Appendix A. Appendices B and C contain discussions for obtaining first estimates to r. Appendix D contains a table for r, which is given to six significant digits, similar to the five-digit inverse table of of [2].

[1] The software development was carried out using an IBM PC with Lahey Fortran [6].

[2] Ordinarily PKILL of [8, p. 127] would be used because of its efficiency, but it was found that the accuracy set for determining r could not be obtained with PKILL in some extreme cases.

II. ANALYSIS TO DETERMINE r

In this section, the analysis used in the algorithm INELP to determine the radius $r = r_o$ of the target circle T, given $P = P_o$, h, k, u, v, is described in general terms. Greater detail can be obtained from the appendices and the code. To simplify notation, P(r) or P will be used to denote $P(R, H, K, u/v)$ or $P(r, h, k, u, v)$, with

$$\overline{P}(r) \equiv P(r) - P_o = P - P_o.$$

An algorithm for the numerical evaluation of P from (3) is needed. This computation, as noted in the Introduction, is achieved by the routine DQXGS of [8], which uses an adaptive integration scheme. It requires routines for the numerical evaluation of F1(s) and the aerf function as noted by (4) and (5). The double-precision functions F1[3] and DAERF [8, p. 51] serve this purpose. In addition, it has been found by extensive experimentation that (3) can be evaluated numerically more quickly if $u \le v$. Consequently, if $v < u$, then u and v are interchanged as well as h and k, which from (1) or (3) amounts to interchanging the order of integration leaving P unchanged.

The routine DQ, which calls DQXGS, first attempts to reduce the interval of integration $[H - R, H + R]$, because often $\exp(-s^2)$ becomes very small at one or both ends of the integration interval and/or since the aerf function of the integrand is zero at $H - R$ and $H + R$. See Appendix A.

The underlying idea for finding r_o is to trap it between a smaller value Amin and a larger value Amax, so that

$$\text{Amin} \le r_o \le \text{Amax}. \tag{6}$$

The first estimate r_1 for r_o is obtained from (see [2, pp. 10-15])

$$D1 \equiv \sqrt{h^2 + k^2} \tag{7}$$

$$D = D1 - 7\,u \tag{8}$$

$$r_1 = \max[\,D,\ (h\,v + k\,u - 7\sqrt{2}\,u\,v)/\sqrt{u^2 + v^2}\,,\ 0\,]. \tag{9}$$

The second estimate for r_o, $r_2 = Rg$, is obtained from Grubbs' approximation for r_o, using the routine GRUB [5]. This estimate is often very good, but it can also at times be poor. Appendix B contains Grubbs' equations taken from [5].

The third estimate for r_o, $r_3 = Rsq$, is obtained from an expression for the probability, Psq, of a shot falling under a bivariate uncorrelated normal distribution with mean zero and standard deviations u and v in a square, S, that circumscribes T with sides parallel to the coordinate axes and of length 2 Rsq. The Newton-Raphson (N-R) procedure [7, p. 119] is used to find Rsq with $Psq = P_o$. Consequently, $Rsq < r_o$ although truncation and/or

[3] If no reference is given, that routine was developed specifically for INVELP.

rounding error may cause this inequality to be violated. The (N-R) analysis is given in Appendix C. The involved subroutine is PSQR.

At this point, for i, j = 1, 2, 3,

$$\text{Amin} = \max(s_1, s_2, s_3), \quad \text{where} \quad s_i = r_i \ \text{ if } \ \overline{P}(r_i) < 0\,; \ \ s_i = 0 \ \text{ otherwise}\,, \tag{10}$$

$$\text{Amax} = \min(t_1, t_2, t_3), \quad \text{where} \quad t_j = r_j \ \text{ if } \ \overline{P}(r_j) > 0\,; \ \ t_j = 10^{50} \ \text{ otherwise.} \tag{11}$$

For example, if $P(r_1) < P(Rg) < P(Rsq) < P_o$, then Rsq is chosen as a starting value for Amin. On the other hand, if $P(Rg) > P_o$, then Amin = Rsq, and Amax = Rg are taken as starting values.

It is also easy to see that S is circumscribed by T if the radius of T is taken as $r = \sqrt{2}\,R_{sq}$. In this case, if $\sqrt{2}\,R_{sq} < \text{Amax}$, then Amax is set to $\sqrt{2}\,R_{sq}$.

Another estimate is made to obtain/improve Amax by the result, derived in [2, p. 15], that

$$r_o < r_m \equiv \begin{cases} D1 + \max(u, v)\,\sqrt{-2\log(1 - P_o)}\,, & \text{if } P_o \geq 10^{-10}, \\ D1 + \max(u, v)\,\sqrt{2\,P_o}\,, & \text{if } 0 < P_o < 10^{-10}. \end{cases} \tag{12}$$

Therefore, if $r_m < \text{Amax}$, then Amax = r_m. At this stage, values for Amin and Amax have been established, where it is understood that associated values of $\overline{P}\text{min} \equiv \overline{P}(\text{Amin})$ and $\overline{P}\text{max} \equiv \overline{P}(\text{Amax})$ have also been determined using DQ. In fact, at any stage when a new estimate r for r_o is found, $\overline{P}(r)$ is computed. In addition, if at any stage, with $\text{EPS3} = 10^{-10}$, W1 = 1/10 if $P_o > .99999$, else W1 = 1,

$$|P(r) - P_o| \leq \text{WE} \equiv \text{EPS3}\,\text{W1}\,P_o, \tag{13}$$

or, with $\text{WE1} = 10^{-14}$,

$$\text{Amax} - \text{Amin} \leq \text{WE1}\,[\text{Amax} + \text{Amin}]/2, \tag{14}$$

then an acceptable value for r_o has been found. INVELP exits, with outputs (see Call line of INVELP, page 5) R for r_o and P for $\overline{P} = P(r) - P_o$.

If, at this stage, neither (13) nor (14) holds, which is generally the case, then the interval Amax − Amin is reduced further by the following: Let

$$\text{Da} \equiv \text{Amax} - \text{Amin}. \tag{15}$$

Then

```
NJ = 7
DaNJ = Da/NJ
IF (Pmax > −Pmin)  THEN
   DO 25 J = 1, NJ
      A = Amin + J ∗ DaNJ
      CALL DQ(A, P, I)    !Routine to compute P(A)
      IF (P > 0) THEN     !I = No. of calls to DQXGS
```

```
            IF (P̄ < P̄max) THEN
               Amax = A,   P̄max = P̄
            ENDIF
            GOTO 35
         ELSE
            Amin = A,   P̄min = P̄
            GOTO 25
         ENDIF
25    CONTINUE
   ELSE
      DO 30 J = 1, NJ
         A = Amax − J ∗ DaNJ
         CALL DQ(A, P̄, I)
         IF (P̄ < 0) THEN
            IF (P̄ > P̄min) THEN
               Amin = A,   P̄min = P̄
            ENDIF
            GOTO 35
         ELSE
            Amax = A,   P̄max = P̄
            GOTO 30
         ENDIF
30    CONTINUE
   ENDIF
35 r = DZERO(F2, Amin, Amax, AERR, RERR)   !DZERO finds best approx for r_o.
```

The double-precision function DZERO referred to in the last line is taken from [8, p. 151]. It finds a root of the function $F2 = P(r) - P_o$, where the root r_o is bounded by Amin and Amax. The absolute and relative errors, specified by the user, are given by AERR and RERR. They are presently set at 0 and 10^{-12}, respectively. Note that F2 is evaluated by a call to DQ, which in turn calls DQXGS, which calls the subprogram F1 to evaluate the function F1 from (4).

III. DETAILS OF THE FORTRAN 77 SUBROUTINE INVELP

As stated in the Introduction, IELP.FOR contains 38 subprograms that are used to determine an acceptable value r for r_o, given P_o, h, k, u, v. All the routines are designed as double-precision and itemized at the end of this section. The master routine, the first listed,

has the Call: INVELP(P_o, h, k, u, v, r, P, I). The first 5 variables have been defined in Section I and are input. The variable $r \simeq r_o$ is the desired output, with $P = \overline{P}(r) \simeq 0$. The location I contains the number of calls to the routine DQ; it can be as high as 55, provided (16) below is satisfied. The average number of calls is 12. Accuracy of the output is discussed below.

The input constraints are :

$$10^{-20} \leq P_o \leq 1 - 10^{-11}, \;\; 0 \leq h \leq 10^8, \;\; 0 \leq k \leq 10^8, \;\; 10^{-6} \leq u, v \leq \; 10^6. \qquad (16)$$

INVELP is designed to give r to 8 significant digits whenever possible. However, because of the approximately 15-decimal-digit word length, this will not be achieved if H or K is extremely large.[4] The accuracy in r will generally be reduced for values outside the inequalities in (16).

Some checks are carried out on the input for INVELP. It is required of the input that $0 \leq P_o < 1$. If either of these inequalities is violated, r is set to -2. Also, if either u or v is not positive, r is set to -1. In either case, with r negative, an immediate exit is made from INVELP.

The third routine listed is DQ, which has the Call: DQ(r, PX, II) where the first variable is input (with h, k, u, v stored in common) and the output is $PX = \overline{P}(r)$. DQ calls the integration routine DQXGS from [8, p. 531] to evaluate P(r) by (3). DQXGS calls the fourth listed subprogram, namely the external function F1(s), which yields the integrand of (3) for a given argument s. In addition, the relative error specified for DQXGS is set at $EPSREL = 5 \cdot 10^{-15}$. The possibility of reducing the integration interval in (3) is discussed in Appendix A as carried out in DQ.

The fifth listed routine is GRUB(Rg), which gives an early estimate $Rg \simeq r_o$. It requires as input: P_o, h, k, u, v, which are accessed by a common statement. The Grubbs' analysis for this routine is given in Appendix B.

The sixth listed routine is PSQR, which was discussed in Section II. It has the Call: PSQR(Rsq, Psq, Rg, I), where Rg, taken from GRUB, is an initial estimate for the output Rsq; the other inputs are given in common. The output quantity Rsq is the second estimate for r_o. The other output Psq contains the probability over $P(Rsq) - P_o = \overline{P}(Rsq)$ (see Section II). I contains the number of (N-R) iterations required. The analysis is discussed in Appendix C.

The remaining 32 routines, given in IELP.FOR, are taken from [8]. They are supporting routines for the first six routines discussed above.

[4] For example, if $P_o = 10^{-10}$, $h = 100$, $k = 10^8$, $u = 1$, $v = 10^{-6} \Rightarrow r_o \simeq 100000000.0000410$
$P_o = .9999999999$, $h = 100$, $k = 10^8$, $u = 1$, $v = 10^{-6} \Rightarrow r_o \simeq 100000000.0000592$

```
1 SUBROUTINE INVELP(PP, H1, K1, S1, S2, R, P, I)
2 DOUBLE PRECISION FUNCTION F2(X) !NEEDED FOR DZERO OF INVELP.
3 SUBROUTINE DQ(R, PX, II)
4 DOUBLE PRECISION FUNCTION F1(X) !FUNCTION FOR DQXGS ROUTINE.
5 SUBROUTINE GRUB(R) !INITIAL ESTIMATE FOR R FROM GRUBBS' APPROX.
6 SUBROUTINE PSQR(R, P, R1, I) !1ST APPROX, R1, USES GRUBBS' ESTIMATE Rg.
7 INTEGER FUNCTION IPMPAR (I)
8 DOUBLE PRECISION FUNCTION DPMPAR(I)
9 DOUBLE PRECISION FUNCTION DEPSLN(L)
10 DOUBLE PRECISION FUNCTION DXPARG(L)
11 DOUBLE PRECISION FUNCTION REXP(X)
12 DOUBLE PRECISION FUNCTION ALNREL(A)
13 DOUBLE PRECISION FUNCTION RLOG(X)
14 DOUBLE PRECISION FUNCTION ERF(X)
15 DOUBLE PRECISION FUNCTION ERFC1(IND, X)
16 DOUBLE PRECISION FUNCTION DERF(X)
17 DOUBLE PRECISION FUNCTION DERFC(X)
18 DOUBLE PRECISION FUNCTION DERFC0(X)
19 DOUBLE PRECISION FUNCTION ERFI(P, Q)
20 DOUBLE PRECISION FUNCTION DAERF(X, H)
21 SUBROUTINE PNI(P, Q, D, W, IERR)
22 DOUBLE PRECISION FUNCTION GAMMA(A)
23 DOUBLE PRECISION FUNCTION GLOG(X)
24 DOUBLE PRECISION FUNCTION GAM1(A)
25 DOUBLE PRECISION FUNCTION GAMLN(A)
26 DOUBLE PRECISION FUNCTION GAMLN1(A)
27 SUBROUTINE GRATIO(A, X, ANS, QANS, IND)
28 DOUBLE PRECISION FUNCTION RCOMP(A, X)
29 SUBROUTINE GAMINV(A, X, X0, P, Q, IERR)
30 DOUBLE PRECISION FUNCTION DZERO(F, AX, BX, AERR, RERR)
31 SUBROUTINE DQPSRT(LIMIT, LAST, MAXERR, ERMAX, E , IORD, NRMAX)
32 SUBROUTINE DQELG(N, EPSTAB, RESULT, ABSERR, RES3LA, NRES,
*  EPMACH, OFLOW)
33 SUBROUTINE DQXGS (F, A, B, EPSABS, EPSREL, RESULT, ABSERR, IER,
*  LIMIT, LENIW, LENW, LAST, IWORK, WORK)
```

34 SUBROUTINE DQXGSE(F, A, B, EPSABS, EPSREL, LIMIT, RESULT, ABSERR,
* IER, A, B, R, E, IORD, LAST, VALP, VALN, LP, LN)
35 SUBROUTINE DQXCPY(A, B, L)
36 SUBROUTINE DQXLQM(F, A, B, RESULT, ABSERR, RESABS, RESASC, VR, VS,
* LR, LS, KEY, EPMACH, UFLOW, OFLOW)
37 SUBROUTINE DQXRUL(F, XL, XU, Y, YA, YM, KE, K1, FV1, FV2, L1, L2)
38 SUBROUTINE DQXRRD(F, Z, LZ, XL, XU, R, S, LR, LS)

IV. REFERENCES

1. Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables, Edited by M. Abramowitz and I. Stegun, Applied Mathematics Series 55, June 1955.

2. DiDonato, A.R. and Jarnagin, M.P., *Integration of the General Bivariate Gaussian Distribution over an Offset Ellipse*, NWL Report #1710, August 1960, Naval Weapons Laboratory, Dahlgren, VA 22448.

3. DiDonato, A.R., *An Inverse of the Generalized Circular Error Function* , NSWCDD/TR-04/43, June 2004, Naval Surface Warfare Center, Dahlgren, VA 22448.

4. Dowell, M. and Jarratt, P., *The Pegasus Method for Computing the Root of an Equation*, BIT 12, 1972, pp. 503-508.

5. Grubbs, F.E., *Approximate Circular and Non-Circular Offset Probabilities of Hitting*, Operations Research, 12, #1, 1964, pp. 51-62.

6. Lahey Computer Systems, Inc., 865 Tahoe Blvd., Incline Village, NV 89450.

7. Johnson, L.W. and Riess, R.D., Numerical Analysis, Addison-Wesley Publishing Co., 1977.

8. Morris, A.H., *NSWC Library of Mathematics Subroutines,* NSWCDD/TR-92/425, January 1993, Naval Surface Warfare Center, Dahlgren Division, Dahlgren, VA 22448.

9. Taub, A.E. and Thomas, M.A., *Confidence Intervals for CEP Where Errors are Elliptical Normal*, NSWC TR 83-205, November 1983, Naval Surface Weapons Center, Dahlgren, VA 22448.

10. Thomas, M.A. and Taub, A.E., *Weapon Accuracy Assessment for Elliptical Normal Miss Distances*, NSWC/DL TR-3777, January 1978, Naval Surface Weapons Center, Dahlgren, VA 22448.

APPENDIX A

REFINED LIMITS OF INTEGRATION FOR P

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REFINED LIMITS OF INTEGRATION FOR P

The objective in this appendix is to give the analysis used in DQ to reduce, whenever possible, the interval of integration in (3). For convenience, (3) is reproduced.

$$\mathrm{P} = \frac{1}{2\sqrt{\pi}} \int_{\mathrm{H-R}}^{\mathrm{H+R}} \mathrm{F1(s)}\,\mathrm{ds}, \tag{A-1}$$

where

$$\mathrm{F1(s)} \equiv \exp(-\mathrm{s}^2)\,\mathrm{aerf}\,[\mathrm{K},\ (\mathrm{u/v})\sqrt{\mathrm{R}^2 - (\mathrm{s}-\mathrm{H})^2}\,]. \tag{A-2}$$

For $\mathrm{P} = \mathrm{P_o}$, we wish to find values for α and β, where

$$\mathrm{P} = \mathrm{P_o} = \frac{1}{2\sqrt{\pi}} \int_{\mathrm{H-R}}^{\alpha} \mathrm{F1(s)}\,\mathrm{ds} + \frac{1}{2\sqrt{\pi}} \int_{\alpha}^{\beta} \mathrm{F1(s)}\,\mathrm{ds} + \frac{1}{2\sqrt{\pi}} \int_{\beta}^{\mathrm{H+R}} \mathrm{F1(s)}\,\mathrm{ds}, \tag{A-3}$$

and

$$\mathrm{H-R} \le \alpha \le \beta \le \mathrm{H+R}, \tag{A-4}$$

such that the first and third integrals on the right of (A-3) are negligible relative to the second. Of course, in some cases $\alpha = \mathrm{H-R}$ and $\beta = \mathrm{H+R}$ so that the integration limits are left unchanged.

Considering the first integral and using the fact that $0 < \mathrm{aerf(a,b)} < 2$, for positive a and b, one obtains for a desired accuracy specified by ϵ

$$\frac{1}{2\sqrt{\pi}} \int_{\mathrm{H-R}}^{\alpha} \mathrm{F1(s)}\,\mathrm{ds} \le \frac{1}{\sqrt{\pi}} \int_{\mathrm{H-R}}^{\alpha} \exp(-\mathrm{s}^2)\,\mathrm{ds} < \frac{2\,\mathrm{R}}{\sqrt{\pi}} \exp(-\alpha^2) = \mathrm{P_o}\epsilon. \tag{A-5}$$

Therefore,

$$\alpha = \alpha_0 = -\sqrt{-\log(.5\sqrt{\pi}\,\mathrm{P_o}\epsilon/\mathrm{R})} \quad \beta = \beta_0 = -\alpha_0. \tag{A-6}$$

Further efforts are made to increase α, since $\mathrm{F1(H-R)} = \mathrm{F1(H+R)} = 0$, by computing a sequence of new values $\alpha_\mathrm{j} = \alpha_{\mathrm{j-1}} + \mathrm{j}\triangle$, $\mathrm{j} = 1, 2, ..., \mathrm{N}$; $\triangle = (\beta_0 - \alpha_0)/\mathrm{N}$ as long as $\mathrm{F1}(\alpha_{\mathrm{j-1}}) < \mathrm{P_o}\,\epsilon$. The procedure is continued until, for some j=J, the last inequality is violated. Then the value for α is taken as $\alpha_{\mathrm{J-1}}$. Actually the algorithm is refined so that two subintervals of $\triangle$ are also used. A similar procedure attempts to improve the value of β_0 for β.

It is worth noting that if $\mathrm{H-R} \ge -\alpha_0$, then P is set to zero. In DQ, at present, $\mathrm{N} = 50$, and $\epsilon = 10^{-11}$.

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APPENDIX B

GRUBBS' APPROXIMATION FOR r_o

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GRUBBS' APPROXIMATION FOR r_o

The approximation for r_o derived by Grubbs [5] is often a very good estimate. His approximation follows, with $P = P_o$ given.

Let

$$\sigma^2 \equiv u^2 + v^2 \tag{B-1}$$

$$M \equiv 1 + h^2/\sigma^2 + k^2/\sigma^2 \tag{B-2}$$

$$V \equiv 2\,\{\,(u^2/\sigma^2)^2 + (v^2/\sigma^2)^2 + 2\,[(u^2/\sigma^2)(h^2/\sigma^2) + (v^2/\sigma^2)(k^2/\sigma^2)\,]\,\}. \tag{B-3}$$

Grubbs' analysis now calls on the incomplete gamma function,[5] namely

$$\mathcal{P}(A, x) \equiv \frac{1}{\Gamma(A)} \int_0^x e^{-t}\, t^{\,A-1}\, dt, \qquad A > 0, \qquad x \geq 0, \tag{B-4}$$

where $\mathcal{P} = P_o$, and

$$A = M^2/V, \tag{B-5}$$

$$x = (M/V)(r^2/\sigma^2). \tag{B-6}$$

Knowing A and P_o, the gamma inverse routine GAMINV [8, p. 85] is used to find x. Then Grubbs' estimate for r_o is obtained by solving (B-6) for r,

$$r = \sqrt{x\,(V/M)\,\sigma^2} \cong r_o. \tag{B-7}$$

[5]The incomplete gamma function is related to the chi-squared distribution [1, p. 262].

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APPENDIX C

PROBABILITY OVER A SQUARE CIRCUMSCRIBING A CIRCLE

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PROBABILITY OVER A SQUARE CIRCUMSCRIBING A CIRCLE

The objective in this appendix is to first give an expression for the probability, P_{sq}, of a shot falling under a bivariate uncorrelated normal distribution with mean zero and standard deviations u and v, in a square, S, centered at (h, k) with sides parallel to the coordinate axes and of length (2a). Then a brief description follows of the algorithm used to find (a) given P_{sq}, h, k, u, v.

The expression for P_{sq} is given by

$$P_{sq} = \frac{1}{\sqrt{2\pi}\,u}\int_{h-a}^{h+a} \exp[-(x/u)^2/2]\,dx\;\frac{1}{\sqrt{2\pi}\,v}\int_{k-a}^{k+a}\exp[-(y/v)^2/2]\,dy. \qquad \text{(C-1)}$$

Normalizing, as was done on page 1 of the main text, let $x = (\sqrt{2}\,u)\,s$, $y = (\sqrt{2})\,v\,t$, (C-1) becomes

$$P_{sq} = \frac{1}{4}\left[\frac{2}{\sqrt{\pi}}\int_{H-A_u}^{H+A_u}\exp(-s^2)\,ds\;\frac{2}{\sqrt{\pi}}\int_{K-A_v}^{K+A_v}\exp(-t^2)\,dt\right], \qquad \text{(C-2)}$$

or

$$P_{sq} = \frac{1}{4}\,\mathrm{aerf}(H, A_u)\,\mathrm{aerf}(K, A_v), \qquad \text{(C-3)}$$

where $H = h/(\sqrt{2}\,u)$, $A_u = a/(\sqrt{2}\,u)$, $K = k/(\sqrt{2}\,v)$, $A_v = a/(\sqrt{2}\,v)$. The function aerf is defined by (5); it is evaluated numerically by calling the subroutine DAERF from [8, p. 51].

We start by setting $P_{sq} = P_o$, and getting an initial estimate for (a) from the Grubbs estimate for r_o (see Appendix B). Then a halving procedure is invoked, which keeps (a) in the interval (amin, amax), where amin (amax) yields a value for $P_{sq} < (>)\ P_o$. When $\mathrm{amax} - \mathrm{amin} < .001 * \mathrm{amax}$, the Newton-Raphson iterations (N-R), with an initial value for (a) of $(\mathrm{amax} + \mathrm{amin})/2$, replaces the halving process.

The equation that governs the (N-R) is given by

$$a_{n+1} = a_n - (P_n - P_o)/DP_n, \qquad n = 1, 2, \ldots, N\,, \qquad \text{(C-4)}$$

where $a_1 = (\mathrm{amax} + \mathrm{amin})/2$, P_n denotes P_{sq} from (C-3) evaluated at $a = a_n$, and DP_n denotes the derivative of P_{sq} ,with respect to (a), evaluated at a_n, namely

$$\begin{aligned} DP_n &= \frac{1}{\sqrt{2}\,u}\exp(H - A_u)^2\,[1 + \exp(-4\,H\,A_u)]\,\mathrm{aerf}(K,\,A_v) \\ &+ \frac{1}{\sqrt{2}\,v}\exp(K - A_v)^2\,[1 + \exp(-4\,K\,A_v)]\,\mathrm{aerf}(H,\,A_u), \qquad a = a_n. \end{aligned} \qquad \text{(C-5)}$$

The (N-R) iterations are terminated at $n = N \le 60$ with $a = a_{N+1}$, where

$$|a_{N+1} - a_N| \le 5\,a_{N+1}\,10^{-11}. \qquad \text{(C-6)}$$

It is worth noting, since (a) is also the radius of the circle circumscribed by S, and $\sqrt{2}\,a$ is the radius of the circle circumscribing S, $a < r_o < \sqrt{2}\,a$.

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APPENDIX D

TABULATION OF r AS A FUNCTION OF P, h, k, v, (u=1)

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TABULATION OF r AS A FUNCTION OF P, h, k, v, (u=1)

r denotes the radius of a circle in the xy plane, with center at (h, k), that contains P% of a cumulative normal uncorrelated bivariate distribution with mean zero, standard deviations u and v.

TABLE D-1. TABULATION OF r WITH u = 1.

LAYOUT OF TABLE

A tabulated value of h is constant and located at the top of each page.
Tabulated values of k are given along the second row.
Tabulated values of v are specified down the first column.
Tabulated values of P are given down the second column

The ranges of the input variables are (u = 1):

h	=	0.0,	0.5,	1,	2,	3,	4,	5,	6,	8,	10,	20,	50,	120,	500
v	=	1,	2,	3,	4,	5,	6,	8,	10						
k	=	0.0,	0.5,	1,	2,	3,	4,	5,	6,	8,	10,	20,	50,	120,	500
P	=	.01,	.05,	.15,	.30,	.50,	.70,	.90,	.95,	.99,	.999				

Example 1 : h = 10.0 v = 8.0 P = 0.05 k = 20.0 r = 12.1493. See page D-24 for r.
Example 2 : h = 2.0 v = 0.5 P = 0.90 k = 4.0 r =?

The value of v = .50, for Example 2, is not an input value in the table; nevertheless r can still be found. By (3), P remains unchanged as long as the ratios specified by R, H, K, u/v are held constant. Therefore,

$$r = r_1/u_1,\ h_1 = 4,\ k_1 = 8,\ u_1 = 2,\ v_1 = 1.$$

Interchanging h_1, k_1 and u_1, v_1:

$$r = (r_2/u_2)/2,\ h_2 = 8,\ k_2 = 4,\ u_2 = 1,\ v_2 = 2.$$

The input values for Example 2, which allow a table lookup, are:
Example 2 : $h_2 = 8.0$ $v_2 = 2$ P = 0.90 $k_2 = 4.0$ $r_2 = 10.7627$,
with $r = r_2/2 = 5.3814$. See page D-21 for r_2.

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u = 1		h = 0.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	.141777	.150917	.181965	.377894	.973968	1.85736	2.80701	3.77856	5.74733	7.73049	17.7002	47.6839	117.678	497.675
	.050	.320291	.340911	.410355	.803492	1.58993	2.51429	3.47566	4.45216	6.42498	8.40971	18.3812	48.3653	118.359	498.356
	.150	.570121	.606683	.727145	1.29947	2.16463	3.10706	4.07509	5.05476	7.03039	9.01630	18.9892	48.9737	118.968	498.965
	.300	.844600	.898407	1.06959	1.75790	2.65665	3.60874	4.58083	5.56257	7.54015	9.52691	19.5009	49.4857	119.480	499.477
1.	.500	1.17741	1.25158	1.47548	2.24580	3.16525	4.12438	5.09968	6.08314	8.06242	10.0500	20.0250	50.0100	120.004	500.001
	.700	1.55176	1.64791	1.91974	2.74388	3.67701	4.64139	5.61924	6.60413	8.58487	10.5731	20.5491	50.5343	120.529	500.525
	.900	2.14597	2.27462	2.60195	3.47338	4.41970	5.38966	6.37038	7.35696	9.33947	11.3286	21.3058	51.2914	121.286	501.283
	.950	2.44775	2.59166	2.93976	3.82625	4.77723	5.74928	6.73114	7.71839	9.70164	11.6911	21.6689	51.6547	121.649	501.646
	.990	3.03485	3.20600	3.58449	4.49153	5.44937	6.42467	7.40833	8.39668	10.3812	12.3713	22.3500	52.3361	122.330	502.327
	.999	3.71692	3.91577	4.31825	5.24098	6.20455	7.18269	8.16799	9.15738	11.1430	13.1338	23.1135	53.0999	123.094	503.091
	.010	.200629	.203800	.213620	.257871	.352875	.546061	.937149	1.62908	3.47647	5.43221	15.3787	45.3582	115.352	495.348
	.050	.454419	.461716	.484323	.586467	.805977	1.23809	1.96552	2.87409	4.80865	6.78078	16.7395	46.7209	116.715	496.711
	.150	.814582	.828216	.870540	1.06274	1.47133	2.18095	3.08766	4.04784	6.00833	7.98837	17.9546	47.9375	117.931	497.928
	.300	1.22187	1.24381	1.31207	1.62224	2.24232	3.11904	4.07511	5.05026	7.02204	9.00636	18.9774	48.9614	118.955	498.952
2.	.500	1.74083	1.77580	1.88453	2.36442	3.17896	4.12682	5.10077	6.08376	8.06267	10.0501	20.0250	50.0100	120.004	500.001
	.700	2.36961	2.42422	2.59162	3.25940	4.17977	5.15141	6.13379	7.12138	9.10500	11.0947	21.0727	51.0586	121.053	501.050
	.900	3.47416	3.56756	3.83475	4.68883	5.65951	6.64371	7.63246	8.62397	10.6120	12.6040	22.5856	52.5727	122.567	502.564
	.950	4.07172	4.18485	4.49399	5.39616	6.37551	7.36282	8.35344	9.34621	11.3358	13.3286	23.3116	53.2992	123.294	503.291
	.990	5.26513	5.41357	5.78436	6.73644	7.72390	8.71497	9.70804	10.7025	12.6942	14.6883	24.6735	54.6619	124.657	504.654
	.999	6.66926	6.85401	7.27193	8.24862	9.24030	10.2339	11.2287	12.2244	14.2178	16.2130	26.2002	56.1895	126.184	506.181
	.010	.245977	.247703	.252954	.275107	.316484	.385246	.496515	.678138	1.48909	3.17182	13.0583	43.0325	113.025	493.022
	.050	.559564	.563600	.575893	.627958	.726091	.891773	1.16607	1.62064	3.22219	5.15984	15.0981	45.0765	115.070	495.066
	.150	1.01528	1.02317	1.04725	1.15030	1.34893	1.69434	2.26468	3.07849	4.99045	6.96180	16.9200	46.9013	116.895	496.892
	.300	1.55690	1.57060	1.61258	1.79468	2.15219	2.75531	3.59323	4.54109	6.50397	8.48570	18.4538	48.4371	118.431	498.428
3.	.500	2.30483	2.32909	2.40355	2.72514	3.31920	4.15484	5.10420	6.08412	8.06272	10.0501	20.0250	50.0100	120.004	500.001
	.700	3.28840	3.32858	3.45046	3.94631	4.73347	5.67116	6.65123	7.64030	9.62605	11.6168	21.5965	51.5829	121.577	501.574
	.900	5.04350	5.10992	5.30463	6.00561	6.92922	7.91114	8.90282	9.89671	11.8877	13.8814	23.8658	53.8540	123.849	503.846
	.950	5.97088	6.05025	6.27814	7.05059	8.00400	8.99274	9.98648	10.9816	12.9741	14.9687	24.9548	54.9437	124.939	504.936
	.990	7.79643	7.90022	8.18490	9.05145	10.0322	11.0264	12.0223	13.0188	15.0134	17.0092	26.9979	56.9879	126.983	506.980
	.999	9.92544	10.0561	10.3941	11.3216	12.3135	13.3100	14.3071	15.3046	17.3006	19.2974	29.2881	59.2792	129.275	509.272
	.010	.284359	.285482	.288880	.302888	.327789	.366209	.422485	.503582	.792486	1.44857	10.7402	40.7068	110.699	490.696
	.050	.650024	.652694	.660778	.694213	.754111	.847746	.987789	1.19609	1.99209	3.57649	13.4573	43.4320	113.425	493.422
	.150	1.19588	1.20134	1.21790	1.28703	1.41343	1.61766	1.93680	2.42752	4.00706	5.93902	15.8856	45.8651	115.859	495.855
	.300	1.88201	1.89221	1.92327	2.05447	2.29961	2.70128	3.30414	4.10151	5.98967	7.96543	17.9302	47.9128	117.907	497.903
4.	.500	2.90174	2.92100	2.97957	3.22513	3.66762	4.32430	5.15987	6.09719	8.06305	10.0501	20.0250	50.0100	120.004	500.001
	.700	4.27287	4.30418	4.39860	4.78076	5.41384	6.24436	7.18315	8.16252	10.1476	12.1392	22.1203	52.1072	122.102	502.099
	.900	6.65842	6.70900	6.85878	7.42512	8.24830	9.19377	10.1783	11.1721	13.1648	15.1597	25.1462	55.1353	125.130	505.127
	.950	7.90602	7.96635	8.14292	8.78494	9.66434	10.6329	11.6241	12.6200	14.6142	16.6100	26.5984	56.5883	126.583	506.580
	.990	10.3536	10.4326	10.6577	11.4142	12.3568	13.3450	14.3412	15.3387	17.3348	19.3317	29.3226	59.3139	129.309	509.306
	.999	13.2014	13.3015	13.5761	14.4219	15.3970	16.3925	17.3904	18.3888	20.3860	22.3837	32.3766	62.3690	132.365	512.362

u = 1		h = 0.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	.318305	.319111	.321543	.331462	.348696	.374381	.410294	.459082	.612717	.896102	8.42659	38.3812	108.373	488.369
	.050	.731343	.733291	.739171	.763219	.805269	.868600	.958573	1.08369	1.50257	2.36773	11.8177	41.7877	111.780	491.777
	.150	1.36579	1.36996	1.38257	1.43453	1.52698	1.67015	1.88170	2.19042	3.25893	4.95191	14.8514	44.8290	114.822	494.819
	.300	2.21048	2.21881	2.24407	2.34910	2.53894	2.83715	3.27498	3.87740	5.52206	7.44922	17.4067	47.3885	117.382	497.379
5.	.500	3.52927	3.54527	3.59365	3.79284	4.14282	4.66095	5.34940	6.18019	8.07126	10.0505	20.0250	50.0100	120.004	500.001
	.700	5.28176	5.30716	5.38358	5.69190	6.20825	6.91559	7.76770	8.70487	10.6708	12.6619	22.6442	52.6315	122.626	502.623
	.900	8.28657	8.32728	8.44842	8.91659	9.63373	10.5111	11.4667	12.4518	14.4429	16.4385	26.4268	56.4166	126.412	506.409
	.950	9.85204	9.90057	10.0439	10.5834	11.3719	12.2938	13.2691	14.2611	16.2555	18.2520	28.2421	58.2329	128.228	508.225
	.990	12.9188	12.9825	13.1671	13.8235	14.7052	15.6723	16.6637	17.6607	19.6575	21.6551	31.6477	61.6399	131.636	511.633
	.999	16.4837	16.5645	16.7932	17.5519	18.4919	19.4793	20.4763	21.4749	23.4728	25.4711	35.4654	65.4588	135.455	515.452
	.010	.349113	.349729	.351582	.359098	.371995	.390856	.416571	.450403	.550166	.714343	6.12421	36.0557	106.047	486.043
	.050	.806361	.807873	.812427	.830941	.862881	.910004	.975070	1.06223	1.33092	1.81764	10.1797	40.1433	110.135	490.132
	.150	1.52994	1.53333	1.54355	1.58539	1.65866	1.76929	1.92711	2.14753	2.87470	4.15073	13.8175	43.7928	113.786	493.782
	.300	2.54809	2.55524	2.57688	2.66586	2.82312	3.06250	3.40312	3.86582	5.19987	6.96800	16.8832	46.8643	116.858	496.855
6.	.500	4.17488	4.18847	4.22945	4.39655	4.68560	5.10905	5.67608	6.38342	8.11839	10.0565	20.0250	50.0100	120.004	500.001
	.700	6.30074	6.32205	6.38610	6.64391	7.07663	7.67952	8.43200	9.29692	11.2036	13.1856	23.1681	53.1558	123.150	503.147
	.900	9.92064	9.95468	10.0562	10.4530	11.0784	11.8764	12.7823	13.7436	15.7228	17.7178	27.7074	57.6980	127.693	507.690
	.950	11.8030	11.8436	11.9639	12.4257	13.1276	13.9870	14.9297	15.9087	17.8978	19.8945	29.8859	59.8775	129.873	509.870
	.990	15.4878	15.5411	15.6970	16.2706	17.0831	18.0143	18.9921	19.9851	21.9811	23.9791	33.9729	63.9659	133.962	513.959
	.999	19.7689	19.8366	20.0315	20.7103	21.6026	22.5724	23.5646	24.5623	26.5604	28.5591	38.5545	68.5487	138.545	518.542
	.010	.404127	.404530	.405741	.410622	.418893	.430766	.446549	.466665	.522292	.604380	2.38863	31.4051	101.394	481.390
	.050	.943649	.944672	.947747	.960170	.981307	1.01185	1.05282	1.10569	1.25601	1.49044	6.94354	36.8547	106.846	486.842
	.150	1.85193	1.85444	1.86201	1.89274	1.94560	2.02326	2.12985	2.27135	2.69581	3.39777	11.7523	41.7205	111.713	491.710
	.300	3.25343	3.25908	3.27609	3.34520	3.46412	3.63852	3.87631	4.18733	5.07263	6.35926	15.8365	45.8157	115.809	495.806
8.	.500	5.49025	5.50060	5.53176	5.65768	5.87207	6.18102	6.59147	7.10907	8.46419	10.1689	20.0250	50.0100	120.004	500.001
	.700	8.35248	8.36856	8.41685	8.61072	8.93582	9.39277	9.97813	10.6815	12.3639	14.2588	24.2159	54.2044	124.199	504.196
	.900	13.1972	13.2228	13.2994	13.6018	14.0914	14.7443	15.5269	16.4020	18.3032	20.2808	30.2690	60.2607	130.256	510.253
	.950	15.7119	15.7424	15.8334	16.1889	16.7518	17.4807	18.3274	19.2481	21.1929	23.1818	33.1740	63.1668	133.163	513.160
	.990	20.6311	20.6712	20.7898	21.2417	21.9241	22.7600	23.6835	24.6506	26.6320	28.6286	38.6238	68.6181	138.614	518.612
	.999	26.3434	26.3944	26.5440	27.0946	27.8796	28.7897	29.7556	30.7435	32.7377	34.7364	44.7331	74.7286	144.725	524.723
	.010	.452970	.453261	.454133	.457640	.463548	.471955	.483000	.496871	.534118	.586443	1.33936	26.7551	96.7417	476.738
	.050	1.06972	1.07048	1.07277	1.08200	1.09760	1.11992	1.14945	1.18689	1.28952	1.43927	4.37016	33.5663	103.556	483.552
	.150	2.17574	2.17779	2.18395	2.20883	2.25123	2.31260	2.39511	2.50178	2.80483	3.26834	9.75077	39.6483	109.640	489.637
	.300	3.98670	3.99134	4.00529	4.06162	4.15735	4.29527	4.47929	4.71443	5.36298	6.29454	14.7972	44.7672	114.760	494.757
10.	.500	6.81985	6.82819	6.85325	6.95417	7.12468	7.36809	7.68854	8.09045	9.15194	10.5532	20.0258	50.0100	120.004	500.001
	.700	10.4129	10.4258	10.4645	10.6198	10.8797	11.2453	11.7165	12.2907	13.7193	15.4365	25.2639	55.2531	125.248	505.245
	.900	16.4791	16.4996	16.5610	16.8048	17.2038	17.7463	18.4148	19.1874	20.9492	22.8666	32.8308	62.8235	132.819	512.816
	.950	19.6253	19.6497	19.7228	20.0106	20.4751	21.0938	21.8378	22.6761	24.5251	26.4804	36.4623	66.4561	136.452	516.450
	.990	25.7778	25.8099	25.9054	26.2756	26.8535	27.5914	28.4400	29.3581	31.2956	33.2814	43.2751	73.2703	143.267	523.264
	.999	32.9205	32.9615	33.0825	33.5405	34.2259	35.0600	35.9792	36.9422	38.9193	40.9151	50.9122	80.9085	150.906	530.903

u = 1		h = 0.5													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	.150917	.160639	.193641	.400490	1.00746	1.88633	2.83105	3.79889	5.76277	7.74290	17.7065	47.6864	117.679	497.675
	.050	.340911	.362767	.436154	.842615	1.62676	2.54384	3.49987	4.47257	6.44044	8.42213	18.3875	48.3678	118.360	498.356
	.150	.606683	.645084	.770592	1.34772	2.20273	3.13692	4.09942	5.07522	7.04586	9.02872	18.9955	48.9762	118.969	498.965
	.300	.898407	.954061	1.12875	1.81005	2.69538	3.63878	4.60522	5.58305	7.55563	9.53934	19.5072	49.4882	119.481	499.477
1.	.500	1.25158	1.32643	1.54863	2.30019	3.20441	4.15456	5.12412	6.10366	8.07791	10.0624	20.0312	50.0125	120.005	500.001
	.700	1.64791	1.74172	2.00349	2.79966	3.71649	4.67167	5.64373	6.62467	8.60036	10.5855	20.5553	50.5368	120.530	500.526
	.900	2.27462	2.39271	2.69567	3.53043	4.45951	5.42006	6.39493	7.37752	9.35497	11.3410	21.3120	51.2939	121.287	501.283
	.950	2.59166	2.71959	3.03668	3.88373	4.81715	5.77973	6.75570	7.73896	9.71715	11.7036	21.6751	51.6572	121.650	501.646
	.990	3.20600	3.34910	3.68567	4.54963	5.48948	6.45519	7.43293	8.41728	10.3967	12.3837	22.3562	52.3386	122.332	502.328
	.999	3.91577	4.07144	4.42257	5.29959	6.24481	7.21328	8.19262	9.17799	11.1586	13.1462	23.1197	53.1024	123.095	503.091
	.010	.213506	.216877	.227316	.274331	.375080	.578699	.983125	1.67528	3.50419	5.45144	15.3863	45.3609	115.353	495.349
	.050	.483006	.490724	.514626	.622323	.851710	1.29309	2.01400	2.90975	4.83132	6.79741	16.7466	46.7235	116.716	496.712
	.150	.863065	.877302	.921422	1.12020	1.53373	2.23288	3.12462	4.07620	6.02780	8.00321	17.9614	47.9401	117.932	497.928
	.300	1.28760	1.31004	1.37963	1.69153	2.30056	3.15928	4.10517	5.07442	7.03943	9.01996	18.9839	48.9639	118.956	498.952
2.	.500	1.81835	1.85310	1.96067	2.42930	3.22306	4.15868	5.12602	6.10472	8.07835	10.0626	20.0313	50.0125	120.005	500.001
	.700	2.44656	2.49946	2.66126	3.30832	4.21374	5.17786	6.15556	7.13989	9.11927	11.1063	21.0787	51.0611	121.054	501.050
	.900	3.53060	3.62100	3.88092	4.72173	5.68527	6.66500	7.65062	8.63982	10.6247	12.6145	22.5913	52.5751	122.568	502.564
	.950	4.11784	4.22839	4.53189	5.42475	6.39864	7.38229	8.37027	9.36103	11.3477	13.3386	23.3171	53.3015	123.295	503.291
	.990	5.29868	5.44543	5.81288	6.75951	7.74332	8.73175	9.72282	10.7157	12.7051	14.6976	24.6788	54.6643	124.658	504.654
	.999	6.69507	6.87863	7.29442	8.26762	9.25677	10.2484	11.2417	12.2362	14.2278	16.2215	26.2052	56.1918	126.185	506.182
	.010	.261708	.263541	.269121	.292655	.336580	.409483	.527127	.718000	1.54565	3.20555	13.0674	43.0353	113.026	493.022
	.050	.594103	.598361	.611327	.666173	.769218	.942059	1.22454	1.68223	3.25807	5.18233	15.1061	45.0792	115.071	495.067
	.150	1.07188	1.08005	1.10497	1.21121	1.41410	1.76110	2.32252	3.11959	5.01463	6.97918	16.9273	46.9040	116.896	496.892
	.300	1.62787	1.64166	1.68387	1.86577	2.21837	2.80719	3.62971	4.56883	6.52306	8.50030	18.4605	48.4397	118.432	498.428
3.	.500	2.37406	2.39778	2.47049	2.78373	3.36358	4.18725	5.12964	6.10518	8.07843	10.0627	20.0313	50.0125	120.005	500.001
	.700	3.33838	3.37762	3.49677	3.98381	4.76262	5.69468	6.67096	7.65732	9.63940	11.6278	21.6023	51.5853	121.578	501.574
	.900	5.07286	5.13875	5.33201	6.02892	6.94890	7.92812	8.91775	9.91004	11.8987	13.8907	23.8712	53.8563	123.850	503.846
	.950	5.99525	6.07419	6.30094	7.07033	8.02106	9.00773	9.99985	10.9937	12.9842	14.9774	24.9600	54.9460	124.940	504.936
	.990	7.81481	7.91829	8.20218	9.06678	10.0458	11.0387	12.0335	13.0291	15.0222	17.0169	27.0026	56.9901	126.984	506.980
	.999	9.93976	10.0702	10.4076	11.3339	12.3246	13.3202	14.3166	15.3134	17.3083	19.3042	29.2925	59.2814	129.276	509.272
	.010	.302482	.303675	.307284	.322158	.348589	.389340	.448965	.534718	.838055	1.50953	10.7513	40.7098	110.700	490.696
	.050	.689418	.692228	.700731	.735872	.798706	.896594	1.04216	1.25661	2.05375	3.61048	13.4664	43.4349	113.426	493.422
	.150	1.25819	1.26380	1.28079	1.35157	1.48025	1.68623	2.00379	2.48540	4.03849	5.95970	15.8933	45.8679	115.860	495.856
	.300	1.95295	1.96308	1.99389	2.12358	2.36441	2.75686	3.34678	4.13348	6.01063	7.98108	17.9372	47.9154	117.908	497.904
4.	.500	2.95645	2.97525	3.03243	3.27251	3.70696	4.35570	5.18524	6.11827	8.07878	10.0627	20.0313	50.0125	120.005	500.001
	.700	4.30654	4.33752	4.43097	4.80977	5.43872	6.26546	7.20124	8.17831	10.1602	12.1497	22.1260	52.1096	122.103	502.099
	.900	6.67895	6.72935	6.87860	7.44318	8.26435	9.20803	10.1911	11.1837	13.1746	15.1681	25.1513	55.1376	125.131	505.127
	.950	7.92318	7.98335	8.15949	8.80014	9.67802	10.6452	11.6354	12.6303	14.6231	16.6177	26.6032	56.5905	126.584	506.581
	.990	10.3666	10.4455	10.6702	11.4258	12.3674	13.3549	14.3504	15.3472	17.3423	19.3384	29.3270	59.3160	129.310	509.307
	.999	13.2116	13.3116	13.5860	14.4311	15.4056	16.4005	17.3980	18.3959	20.3924	22.3895	32.3805	62.3710	132.366	512.362

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v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	.338525	.339381	.341962	.352489	.370774	.398013	.436073	.487722	.649865	.946355	8.44081	38.3844	108.374	488.370
	.050	.774858	.776902	.783070	.808280	.852298	.918443	1.01207	1.14158	1.56870	2.42498	11.8280	41.7906	111.781	491.777
	.150	1.43196	1.43621	1.44904	1.50183	1.59539	1.73936	1.95025	2.25485	3.30109	4.97721	14.8597	44.8317	114.823	494.819
	.300	2.27729	2.28548	2.31030	2.41331	2.59906	2.89044	3.31911	3.91244	5.54510	7.46605	17.4139	47.3912	117.383	497.379
5.	.500	3.57107	3.58680	3.63440	3.83063	4.17636	4.68983	5.37392	6.20107	8.08698	10.0631	20.0313	50.0125	120.005	500.001
	.700	5.30746	5.33271	5.40871	5.71543	6.22954	6.93446	7.78434	8.71961	10.6827	12.6719	22.6497	52.6339	122.627	502.623
	.900	8.30252	8.34315	8.46403	8.93130	9.64724	10.5234	11.4779	12.4621	14.4518	16.4463	26.4316	56.4189	126.413	506.409
	.950	9.86539	9.91386	10.0570	10.5957	11.3833	12.3043	13.2788	14.2702	16.2633	18.2590	28.2466	58.2350	128.229	508.225
	.990	12.9290	12.9926	13.1770	13.8330	14.7140	15.6805	16.6714	17.6680	19.6641	21.6610	31.6517	61.6419	131.636	511.633
	.999	16.4916	16.5724	16.8010	17.5593	18.4989	19.4860	20.4826	21.4809	23.4783	25.4761	35.4690	65.4608	135.456	515.452
	.010	.371217	.371870	.373837	.381809	.395485	.415481	.442728	.478550	.583984	.756731	6.14385	36.0591	106.048	486.043
	.050	.853451	.855033	.859797	.879152	.912506	.961628	1.02928	1.11956	1.39529	1.88481	10.1918	40.1464	110.137	490.132
	.150	1.59843	1.60185	1.61218	1.65436	1.72800	1.83871	1.99568	2.21334	2.92537	4.18216	13.8265	43.7956	113.787	493.783
	.300	2.60813	2.61513	2.63629	2.72329	2.87701	3.11122	3.44540	3.90140	5.22470	6.98610	16.8906	46.8669	116.859	496.855
6.	.500	4.20815	4.22160	4.26217	4.42770	4.71440	5.13504	5.69912	6.40365	8.13405	10.0691	20.0313	50.0125	120.005	500.001
	.700	6.32171	6.34294	6.40675	6.66368	7.09506	7.69638	8.44725	9.31068	11.2150	13.1952	23.1735	53.1582	123.151	503.148
	.900	9.93374	9.96772	10.0691	10.4654	11.0901	11.8873	12.7924	13.7529	15.7309	17.7250	27.7120	57.7002	127.694	507.691
	.950	11.8140	11.8545	11.9747	12.4360	13.1374	13.9961	14.9383	15.9167	17.9049	19.9009	29.8902	59.8796	129.874	509.870
	.990	15.4962	15.5494	15.7053	16.2785	17.0906	18.0214	18.9988	19.9915	21.9869	23.9844	33.9766	63.9679	133.963	513.959
	.999	19.7754	19.8431	20.0379	20.7165	21.6085	22.5781	23.5701	24.5675	26.5652	28.5635	38.5577	68.5506	138.546	518.543
	.010	.429547	.429974	.431257	.436429	.445192	.457767	.474477	.495766	.554576	.641184	2.44662	31.4090	101.395	481.391
	.050	.996662	.997725	1.00092	1.01384	1.03579	1.06748	1.10991	1.16454	1.31906	1.55760	6.96139	36.8581	106.847	486.842
	.150	1.92117	1.92367	1.93121	1.96176	2.01423	2.09112	2.19632	2.33552	2.75122	3.43932	11.7629	41.7235	111.714	491.710
	.300	3.29856	3.30411	3.32081	3.38869	3.50562	3.67738	3.91205	4.21972	5.09842	6.37936	15.8444	45.8184	115.810	495.806
8.	.500	5.51424	5.52455	5.55555	5.68089	5.89434	6.20207	6.61109	7.12716	8.47922	10.1814	20.0313	50.0125	120.005	500.001
	.700	8.36791	8.38395	8.43215	8.62566	8.95018	9.40639	9.99091	10.6934	12.3741	14.2677	24.2211	54.2067	124.200	504.196
	.900	13.2069	13.2324	13.3090	13.6112	14.1005	14.7529	15.5351	16.4098	18.3102	20.2870	30.2731	60.2628	130.257	510.254
	.950	15.7200	15.7505	15.8414	16.1968	16.7594	17.4879	18.3344	19.2547	21.1989	23.1873	33.1778	63.1687	133.164	513.160
	.990	20.6373	20.6773	20.7959	21.2477	21.9298	22.7656	23.6888	24.6557	26.6367	28.6330	38.6270	68.6199	138.615	518.612
	.999	26.3482	26.3992	26.5488	27.0993	27.8842	28.7941	29.7599	30.7476	32.7415	34.7400	44.7359	74.7302	144.726	524.723
	.010	.481275	.481583	.482506	.486218	.492470	.501365	.513048	.527716	.567074	.622291	1.40374	26.7598	96.7430	476.738
	.050	1.12740	1.12819	1.13056	1.14009	1.15621	1.17924	1.20968	1.24820	1.35341	1.50593	4.39993	33.5700	103.557	483.553
	.150	2.24159	2.24360	2.24966	2.27415	2.31584	2.37612	2.45706	2.56157	2.85813	3.31243	9.76359	39.6514	109.641	489.637
	.300	4.02121	4.02580	4.03960	4.09533	4.19010	4.32672	4.50919	4.74258	5.38730	6.31495	14.8056	44.7700	114.761	494.757
10.	.500	6.83878	6.84710	6.87208	6.97271	7.14275	7.38553	7.70521	8.10625	9.16583	10.5652	20.0321	50.0125	120.005	500.001
	.700	10.4252	10.4381	10.4767	10.6318	10.8914	11.2566	11.7273	12.3010	13.7285	15.4446	25.2689	55.2553	125.249	505.245
	.900	16.4868	16.5073	16.5687	16.8123	17.2111	17.7534	18.4217	19.1940	20.9552	22.8721	32.8346	62.8255	132.820	512.817
	.950	19.6317	19.6562	19.7292	20.0170	20.4813	21.0998	21.8436	22.6816	24.5303	26.4852	36.4657	66.4580	136.453	516.450
	.990	25.7827	25.8148	25.9103	26.2804	26.8582	27.5959	28.4444	29.3623	31.2997	33.2852	43.2780	73.2720	143.268	523.265
	.999	32.9244	32.9653	33.0863	33.5443	34.2296	35.0636	35.9827	36.9456	38.9225	40.9182	50.9146	80.9101	150.906	530.904

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v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	.181965	.193641	.233172	.474418	1.10762	1.97224	2.90253	3.85950	5.80892	7.78004	17.7252	47.6939	117.682	497.676
	.050	.410355	.436154	.521757	.962409	1.73533	2.63134	3.57185	4.53339	6.48664	8.45929	18.4062	48.3753	118.364	498.357
	.150	.727145	.770592	.908690	1.48959	2.31463	3.22528	4.17171	5.13617	7.09210	9.06590	19.0142	48.9837	118.972	498.966
	.300	1.06959	1.12875	1.30756	1.96104	2.80895	3.72764	4.67771	5.64410	7.60189	9.57653	19.5259	49.4956	119.484	499.478
1.	.500	1.47548	1.54863	1.75887	2.45650	3.31917	4.24380	5.19677	6.16478	8.12420	10.0996	20.0499	50.0200	120.008	500.002
	.700	1.91974	2.00349	2.23487	2.95935	3.83210	4.76122	5.71651	6.68586	8.64667	10.6227	20.5740	50.5443	120.533	500.526
	.900	2.60195	2.69567	2.94540	3.69326	4.57601	5.50995	6.46786	7.43879	9.40131	11.3782	21.3307	51.3014	121.290	501.284
	.950	2.93976	3.03668	3.29213	4.04765	4.93398	5.86975	6.82870	7.80027	9.76350	11.7408	21.6938	51.6647	121.653	501.647
	.990	3.58449	3.68567	3.94882	4.71512	5.60681	6.54541	7.50602	8.47863	10.4430	12.4210	22.3750	52.3461	122.335	502.328
	.999	4.31825	4.42257	4.69148	5.46637	6.36258	7.30369	8.26581	9.23939	11.2050	13.1835	23.1384	53.1099	123.099	503.092
	.010	.257076	.261116	.273615	.329765	.449050	.684068	1.12142	1.80797	3.58612	5.50873	15.4090	45.3689	115.356	495.349
	.050	.577537	.586552	.614399	.738447	.993953	1.45307	2.15234	3.01409	4.89871	6.84706	16.7680	46.7314	116.719	496.712
	.150	1.01533	1.03107	1.07956	1.29263	1.71130	2.38006	3.23272	4.16009	6.08583	8.04755	17.9817	47.9478	117.936	497.929
	.300	1.48119	1.50442	1.57584	1.88588	2.46364	3.27653	4.19400	5.14619	7.09134	9.06063	19.0034	48.9715	118.960	498.953
2.	.500	2.03308	2.06669	2.16981	2.60864	3.35098	4.25277	5.20101	6.16718	8.12519	10.1001	20.0500	50.0200	120.008	500.002
	.700	2.65492	2.70366	2.85219	3.44930	4.31400	5.25641	6.22040	7.19515	9.16194	11.1410	21.0968	51.0685	121.057	501.051
	.900	3.69169	3.77462	4.01567	4.81912	5.76184	6.72846	7.70485	8.68717	10.6624	12.6460	22.6084	52.5823	122.571	502.565
	.950	4.25289	4.35635	4.64393	5.50962	6.46750	7.44039	8.42054	9.40534	11.3836	13.3687	23.3338	53.3087	123.298	503.292
	.990	5.39828	5.54006	5.89768	6.82822	7.80128	8.78190	9.76704	10.7553	12.7378	14.7254	24.6948	54.6713	124.661	504.655
	.999	6.77193	6.95200	7.36149	8.32435	9.30599	10.2919	11.2807	12.2715	14.2574	16.2471	26.2205	56.1986	126.188	506.182
	.010	.314753	.316944	.323607	.351678	.403908	.490044	.627310	.844560	1.70648	3.30456	13.0946	43.0439	113.030	493.023
	.050	.706572	.711484	.726420	.789275	.905862	1.09681	1.39658	1.85544	3.36321	5.24921	15.1301	45.0874	115.074	495.067
	.150	1.24338	1.25217	1.27892	1.39171	1.60179	1.94741	2.48408	3.23906	5.08650	7.03107	16.9490	46.9119	116.899	496.893
	.300	1.82782	1.84161	1.88367	2.06254	2.40068	2.95447	3.73690	4.65106	6.57999	8.54395	18.4807	48.4474	118.435	498.429
3.	.500	2.56375	2.58612	2.65455	2.94781	3.49238	4.28307	5.20525	6.16793	8.12539	10.1002	20.0500	50.0200	120.008	500.002
	.700	3.48212	3.51896	3.63110	4.09430	4.84907	5.76465	6.72981	7.70814	9.67936	11.6607	21.6199	51.5926	121.581	501.575
	.900	5.16005	5.22436	5.41336	6.09833	7.00762	7.97884	8.96240	9.94993	11.9316	13.9187	23.8872	53.8633	123.853	503.847
	.950	6.06778	6.14546	6.36887	7.12923	8.07201	9.05256	10.0399	11.0298	13.0145	15.0035	24.9754	54.9529	124.943	504.937
	.990	7.86969	7.97224	8.25380	9.11261	10.0867	11.0755	12.0670	13.0599	15.0486	17.0401	27.0169	56.9968	126.987	506.981
	.999	9.98262	10.1124	10.4481	11.3706	12.3581	13.3509	14.3449	15.3398	17.3314	19.3248	29.3058	59.2878	129.278	509.273
	.010	.363397	.364818	.369115	.386814	.418204	.466440	.536625	.636653	.980325	1.68291	10.7846	40.7189	110.704	490.697
	.050	.815892	.819094	.828775	.868657	.939431	1.04829	1.20702	1.43420	2.22496	3.71052	13.4935	43.4435	113.429	493.423
	.150	1.44158	1.44747	1.46530	1.53905	1.67128	1.87838	2.18877	2.64705	4.13138	6.02129	15.9166	45.8760	115.863	495.856
	.300	2.14851	2.15837	2.18829	2.31346	2.54312	2.91327	3.47079	4.22799	6.07309	8.02787	17.9580	47.9232	117.911	497.904
4.	.500	3.11125	3.12893	3.18273	3.40915	3.82235	4.44870	5.26062	6.18109	8.12577	10.1002	20.0500	50.0200	120.008	500.002
	.700	4.40618	4.43619	4.52684	4.89586	5.51272	6.32834	7.25525	8.22552	10.1979	12.1811	22.1431	52.1168	122.106	502.100
	.900	6.74018	6.79002	6.93772	7.49713	8.31232	9.25070	10.2294	11.2185	13.2039	15.1935	25.1664	55.1444	125.134	505.128
	.950	7.97443	8.03415	8.20902	8.84557	9.71893	10.6822	11.6690	12.6611	14.6496	16.6409	26.6175	56.5972	126.587	506.581
	.990	10.4055	10.4840	10.7079	11.4607	12.3995	13.3844	14.3777	15.3727	17.3647	19.3584	29.3400	59.3224	129.313	509.307
	.999	13.2420	13.3417	13.6155	14.4587	15.4313	16.4246	17.4206	18.4172	20.4115	22.4069	32.3924	62.3771	132.369	512.363

u = 1		h = 1.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	.406268	.407285	.410350	.422843	.444511	.476719	.521564	.582109	.769563	1.10075	8.48333	38.3941	108.377	488.370
	.050	.912720	.915023	.921966	.950282	.999464	1.07275	1.17521	1.31452	1.75586	2.58494	11.8590	41.7995	111.785	491.778
	.150	1.62223	1.62659	1.63977	1.69377	1.78859	1.93252	2.13957	2.43264	3.42371	5.05239	14.8847	44.8401	114.827	494.820
	.300	2.46104	2.46886	2.49254	2.59056	2.76645	3.04139	3.44713	4.01578	5.61368	7.51632	17.4353	47.3991	117.387	497.380
5.	.500	3.69317	3.70819	3.75367	3.94180	4.27552	4.77548	5.44687	6.26327	8.13397	10.1006	20.0500	50.0200	120.008	500.002
	.700	5.38386	5.40868	5.48342	5.78547	6.29300	6.99078	7.83402	8.76368	10.7185	12.7019	22.6664	52.6410	122.630	502.624
	.900	8.35019	8.39056	8.51070	8.97527	9.68769	10.5603	11.5116	12.4930	14.4783	16.4695	26.4459	56.4255	126.416	506.410
	.950	9.90535	9.95360	10.0961	10.6327	11.4175	12.3358	13.3079	14.2972	16.2869	18.2799	28.2600	58.2415	128.232	508.226
	.990	12.9593	13.0228	13.2068	13.8612	14.7404	15.7053	16.6946	17.6899	19.6836	21.6788	31.6637	61.6481	131.639	511.634
	.999	16.5154	16.5961	16.8243	17.5815	18.5199	19.5059	20.5015	21.4989	23.4947	25.4912	35.4797	65.4666	135.459	515.453
	.010	.445040	.445814	.448142	.457577	.473745	.497343	.529416	.571435	.694045	.891152	6.20240	36.0694	106.051	486.044
	.050	1.00079	1.00255	1.00785	1.02937	1.06631	1.12036	1.19416	1.29149	1.58098	2.07095	10.2279	40.1557	110.140	490.133
	.150	1.79183	1.79528	1.80569	1.84810	1.92168	2.03126	2.18474	2.39462	3.06970	4.27514	13.8534	43.8042	113.790	493.783
	.300	2.77534	2.78197	2.80198	2.88424	3.02946	3.25097	3.56859	4.00628	5.29851	7.04014	16.9128	46.8749	116.862	496.856
6.	.500	4.30655	4.31960	4.35898	4.51999	4.79986	5.21228	5.76771	6.46396	8.18082	10.1066	20.0500	50.0200	120.008	500.002
	.700	6.38420	6.40520	6.46832	6.72262	7.15007	7.74674	8.49283	9.35182	11.2489	13.2239	23.1897	53.1652	123.155	503.148
	.900	9.97291	10.0068	10.1077	10.5025	11.1249	11.9196	12.8223	13.7807	15.7551	17.7465	27.7256	57.7067	127.697	507.691
	.950	11.8468	11.8872	12.0071	12.4671	13.1667	14.0236	14.9640	15.9408	17.9263	19.9200	29.9028	59.8859	129.877	509.871
	.990	15.5211	15.5742	15.7299	16.3022	17.1131	18.0427	19.0190	20.0107	22.0043	24.0004	33.9878	63.9738	133.966	513.960
	.999	19.7949	19.8626	20.0572	20.7352	21.6264	22.5952	23.5864	24.5831	26.5797	28.5769	38.5676	68.5561	138.549	518.543
	.010	.513921	.514424	.515935	.522022	.532327	.547098	.566695	.591606	.660096	.760028	2.60839	31.4209	101.399	481.391
	.050	1.15877	1.15993	1.16342	1.17750	1.20138	1.23570	1.28142	1.33987	1.50280	1.74792	7.01466	36.8682	106.851	486.843
	.150	2.11252	2.11497	2.12234	2.15220	2.20332	2.27789	2.37930	2.51261	2.90717	3.56051	11.7946	41.7325	111.717	491.711
	.300	3.42924	3.43452	3.45042	3.51511	3.62678	3.79139	4.01742	4.31554	5.17505	6.43929	15.8680	45.8266	115.813	495.807
8.	.500	5.58563	5.59579	5.62635	5.74995	5.96064	6.26478	6.66961	7.18115	8.52416	10.2186	20.0500	50.0200	120.008	500.002
	.700	8.41401	8.42996	8.47788	8.67031	8.99312	9.44714	10.0292	10.7291	12.4048	14.2942	24.2366	54.2137	124.203	504.197
	.900	13.2358	13.2614	13.3377	13.6393	14.1275	14.7787	15.5596	16.4329	18.3309	20.3057	30.2856	60.2690	130.260	510.254
	.950	15.7443	15.7748	15.8656	16.2203	16.7822	17.5097	18.3551	19.2745	21.2168	23.2036	33.1891	63.1747	133.166	513.161
	.990	20.6558	20.6958	20.8142	21.2656	21.9472	22.7823	23.7049	24.6711	26.6510	28.6462	38.6368	68.6254	138.618	518.613
	.999	26.3627	26.4137	26.5632	27.1134	27.8978	28.8073	29.7726	30.7600	32.7531	34.7509	44.7444	74.7353	144.729	524.724
	.010	.574661	.575021	.576102	.580447	.587761	.598157	.611796	.628891	.674614	.738376	1.58924	26.7737	96.7468	476.739
	.050	1.30022	1.30107	1.30361	1.31382	1.33105	1.35560	1.38793	1.42865	1.53880	1.69587	4.48814	33.5812	103.561	483.554
	.150	2.42292	2.42485	2.43066	2.45414	2.49405	2.55162	2.62874	2.72804	3.00900	3.44028	9.80196	39.6609	109.645	489.638
	.300	4.12312	4.12756	4.14093	4.19495	4.28694	4.41985	4.59782	4.82612	5.45961	6.37579	14.8309	44.7783	114.765	494.758
10.	.500	6.89526	6.90351	6.92828	7.02804	7.19668	7.43758	7.75499	8.15345	9.20735	10.6010	20.0508	50.0200	120.008	500.002
	.700	10.4618	10.4746	10.5132	10.6677	10.9264	11.2905	11.7598	12.3319	13.7560	15.4691	25.2838	55.2621	125.252	505.246
	.900	16.5099	16.5303	16.5916	16.8349	17.2332	17.7748	18.4423	19.2137	20.9732	22.8887	32.8461	62.8315	132.823	512.817
	.950	19.6511	19.6755	19.7484	20.0359	20.4998	21.1177	21.8609	22.6983	24.5457	26.4994	36.4761	66.4636	136.456	516.450
	.990	25.7974	25.8295	25.9249	26.2948	26.8723	27.6097	28.4577	29.3752	31.3117	33.2965	43.2867	73.2772	143.270	523.265
	.999	32.9359	32.9768	33.0978	33.5556	34.2406	35.0744	35.9932	36.9559	38.9322	40.9274	50.9221	80.9147	150.909	530.904

u = 1		h = 2.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	.377894	.400490	.474418	.840350	1.49559	2.30161	3.17953	4.09634	5.99095	7.92727	17.7998	47.7239	117.695	497.679
	.050	.803492	.842615	.962409	1.43938	2.14294	2.96549	3.85054	4.77095	6.66887	8.60660	18.4808	48.4053	118.376	498.360
	.150	1.29947	1.34772	1.48959	2.00790	2.73089	3.56210	4.45144	5.37422	7.27448	9.21326	19.0889	49.0136	118.984	498.969
	.300	1.75790	1.81005	1.96104	2.49696	3.22983	4.06607	4.95812	5.88249	7.78437	9.72393	19.6006	49.5256	119.496	499.481
1.	.500	2.24580	2.30019	2.45650	3.00353	3.74339	4.58349	5.47775	6.40345	8.30677	10.2470	20.1246	50.0500	120.021	500.005
	.700	2.74388	2.79966	2.95935	3.51385	4.25881	5.10191	5.99795	6.92477	8.82933	10.7702	20.6487	50.5743	120.545	500.529
	.900	3.47338	3.53043	3.69326	4.25507	5.00534	5.85174	6.74985	7.67799	9.58407	11.5257	21.4054	51.3314	121.302	501.287
	.950	3.82625	3.88373	4.04765	4.61205	5.36430	6.21198	7.11090	8.03958	9.94630	11.8883	21.7685	51.6947	121.666	501.650
	.990	4.49153	4.54963	4.71512	5.28338	6.03865	6.88834	7.78857	8.71815	10.6259	12.5685	22.4496	52.3761	122.347	502.331
	.999	5.24098	5.29959	5.46637	6.03786	6.79575	7.64724	8.54869	9.47910	11.3879	13.3311	23.2131	53.1399	123.111	503.095
	.010	.520556	.528000	.550845	.649947	.842072	1.16148	1.63664	2.27307	3.89750	5.73243	15.4995	45.4012	115.369	495.352
	.050	1.05057	1.06322	1.10170	1.26314	1.55659	2.00875	2.63199	3.39885	5.15963	7.04223	16.8533	46.7630	116.732	496.715
	.150	1.62467	1.64198	1.69450	1.91295	2.30313	2.88371	3.63068	4.47972	6.31261	8.22252	18.0628	47.9788	117.948	497.932
	.300	2.14652	2.16868	2.23592	2.51538	3.00776	3.70354	4.53132	5.42361	7.29529	9.22149	19.0813	49.0020	118.972	498.956
2.	.500	2.70999	2.73908	2.82738	3.19263	3.81088	4.60899	5.49044	6.41080	8.30990	10.2486	20.1248	50.0500	120.021	500.005
	.700	3.30620	3.34567	3.46522	3.94779	4.69255	5.55913	6.47312	7.41198	9.33063	11.2790	21.1688	51.0980	121.069	501.054
	.900	4.24787	4.31285	4.50494	5.19062	6.05824	6.97634	7.91794	8.87402	10.8123	12.7710	22.6767	52.6112	122.584	502.568
	.950	4.74665	4.82969	5.06746	5.83696	6.73577	7.66827	8.61862	9.58050	11.5258	13.4883	23.4005	53.3373	123.310	503.295
	.990	5.78161	5.90521	6.22614	7.09636	8.02882	8.97965	9.94189	10.9120	12.8675	14.8360	24.7585	54.6993	124.673	504.658
	.999	7.07154	7.23839	7.62395	8.54745	9.50028	10.4640	11.4351	12.4116	14.3756	16.3492	26.2813	56.2261	126.200	506.185
	.010	.624612	.628468	.640148	.688570	.775384	.909891	1.10515	1.37805	2.24778	3.67274	13.2027	43.0781	113.043	493.026
	.050	1.22602	1.23246	1.25193	1.33193	1.47305	1.68784	1.99599	2.42605	3.75187	5.50862	15.2258	45.1203	115.087	495.070
	.150	1.87068	1.87993	1.90793	2.02352	2.22988	2.55045	3.02082	3.67137	5.36429	7.23490	17.0358	46.9437	116.912	496.896
	.300	2.47494	2.48782	2.52691	2.69012	2.98805	3.46047	4.13560	4.96642	6.80294	8.71634	18.5611	48.4782	118.448	498.432
3.	.500	3.17006	3.18931	3.24799	3.49651	3.95560	4.64677	5.49737	6.41276	8.31054	10.2490	20.1249	50.0500	120.021	500.005
	.700	3.98765	4.01850	4.11264	4.50770	5.18119	6.03650	6.96019	7.90812	9.83754	11.7915	21.6898	51.6218	121.594	501.578
	.900	5.49611	5.55468	5.72803	6.36859	7.23776	8.17856	9.13881	10.1079	12.0622	14.0300	23.9511	53.8914	123.865	503.850
	.950	6.35001	6.42298	6.63383	7.36014	8.27267	9.22968	10.1984	11.1732	13.1350	15.1074	25.0368	54.9805	124.955	504.940
	.990	8.08552	8.18455	8.45714	9.29366	10.2484	11.2216	12.2001	13.1822	15.1538	17.1324	27.0741	57.0235	126.999	506.984
	.999	10.1523	10.2793	10.6085	11.5161	12.4908	13.4729	14.4578	15.4447	17.4235	19.4069	29.3589	59.3135	129.290	509.276
	.010	.708616	.711020	.718270	.747843	.799185	.875446	.981164	1.12245	1.54691	2.25996	10.9167	40.7552	110.717	490.700
	.050	1.36587	1.36985	1.38188	1.43079	1.51533	1.64040	1.81385	2.04785	2.78389	4.08494	13.6015	43.4777	113.443	493.426
	.150	2.07566	2.08164	2.09968	2.17354	2.30310	2.49967	2.78286	3.18454	4.48375	6.26159	16.0094	45.9085	115.876	495.859
	.300	2.77075	2.77971	2.80686	2.91933	3.12192	3.44148	3.91917	4.58685	6.31677	8.21234	18.0410	47.9545	117.924	497.907
4.	.500	3.63906	3.65416	3.70009	3.89328	4.24876	4.80343	5.55227	6.42628	8.31109	10.2491	20.1249	50.0500	120.021	500.005
	.700	4.78461	4.81135	4.89244	5.22700	5.79966	6.57391	7.46739	8.41169	10.3473	12.3058	22.2113	52.1457	122.118	502.103
	.900	6.97978	7.02758	7.16940	7.70917	8.50151	9.41943	10.3812	11.3564	13.3205	15.2944	25.2268	55.1718	125.146	505.131
	.950	8.17623	8.23423	8.40421	9.02504	9.88090	10.8287	11.8025	12.7838	14.7551	16.7334	26.6747	56.6239	126.599	506.584
	.990	10.5597	10.6369	10.8572	11.5992	12.5267	13.5017	14.4866	15.4743	17.4542	19.4384	29.3922	59.3479	129.325	509.310
	.999	13.3630	13.4617	13.7328	14.5685	15.5338	16.5205	17.5108	18.5023	20.4880	22.4762	32.4399	62.4015	132.380	512.366

u = 1		h = 2.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	.779918	.781578	.786578	.806819	.841434	.891764	.959742	1.04795	1.29952	1.68842	8.65131	38.4327	108.391	488.373
	.050	1.48414	1.48690	1.49519	1.52876	1.58613	1.66961	1.78278	1.93101	2.36909	3.11707	11.9823	41.8351	111.798	491.781
	.150	2.25640	2.26070	2.27367	2.32647	2.41799	2.55422	2.74534	3.00806	3.86710	5.34279	14.9842	44.8734	114.840	494.823
	.300	3.05168	3.05863	3.07963	3.16616	3.31990	3.55758	3.90690	4.40414	5.88015	7.71412	17.5209	47.4307	117.399	497.383
5.	.500	4.13894	4.15197	4.19149	4.35581	4.65137	5.10461	5.72971	6.50621	8.31927	10.2495	20.1249	50.0500	120.021	500.005
	.700	5.67972	5.70296	5.77304	6.05779	6.54079	7.21168	8.02970	8.93778	10.8601	12.8212	22.7329	52.6696	122.642	502.627
	.900	8.53825	8.57762	8.69486	9.14908	9.84780	10.7065	11.6452	12.6159	14.5839	16.5621	26.5032	56.4523	126.428	506.413
	.950	10.0636	10.1110	10.2511	10.7792	11.5534	12.4611	13.4237	14.4047	16.3810	18.3636	28.3137	58.2674	128.244	508.229
	.990	13.0801	13.1429	13.3251	13.9735	14.8457	15.8038	16.7872	17.7770	19.7617	21.7495	31.7118	61.6726	131.651	511.637
	.999	16.6101	16.6903	16.9171	17.6701	18.6038	19.5854	20.5770	21.5708	23.5603	25.5515	35.5228	65.4897	135.470	515.456
	.010	.842319	.843545	.847229	.862090	.887297	.923520	.971718	1.03316	1.20278	1.45151	6.43128	36.1106	106.065	486.047
	.050	1.58786	1.58990	1.59604	1.62081	1.66288	1.72348	1.80452	1.90873	2.20419	2.66933	10.3710	40.1928	110.154	490.136
	.150	2.42157	2.42490	2.43490	2.47549	2.54530	2.64791	2.78922	2.97857	3.56867	4.62887	13.9604	43.8383	113.803	493.786
	.300	3.32849	3.33428	3.35175	3.42340	3.54936	3.74079	4.01578	4.39984	5.58437	7.25230	17.0011	46.9069	116.875	496.859
6.	.500	4.67993	4.69165	4.72705	4.87258	5.12835	5.51097	6.03449	6.69985	8.36533	10.2555	20.1249	50.0500	120.021	500.005
	.700	6.62838	6.64850	6.70903	6.95344	7.36604	7.94500	8.67278	9.51461	11.3836	13.3383	23.2547	53.1935	123.167	503.151
	.900	10.1281	10.1614	10.2607	10.6494	11.2631	12.0482	12.9416	13.8915	15.8517	17.8321	27.7802	57.7328	127.709	507.694
	.950	11.9773	12.0173	12.1358	12.5908	13.2835	14.1330	15.0662	16.0366	18.0113	19.9964	29.9535	59.9110	129.888	509.874
	.990	15.6207	15.6734	15.8280	16.3967	17.2030	18.1278	19.0996	20.0872	22.0738	24.0639	34.0324	63.9974	133.977	513.963
	.999	19.8729	19.9403	20.1341	20.8094	21.6975	22.6631	23.6514	24.6455	26.6372	28.6304	38.6070	68.5781	138.559	518.546
	.010	.948683	.949439	.951711	.960838	.976197	.998014	1.02661	1.06240	1.15783	1.29019	3.14500	31.4682	101.414	481.394
	.050	1.76630	1.76758	1.77143	1.78689	1.81298	1.85016	1.89915	1.96094	2.12877	2.37117	7.22384	36.9087	106.865	486.846
	.150	2.72406	2.72633	2.73315	2.76072	2.80770	2.87575	2.96749	3.08682	3.43375	4.00142	11.9207	41.7683	111.731	491.714
	.300	3.89648	3.90106	3.91489	3.97119	4.06860	4.21289	4.41272	4.67979	5.47136	6.67367	15.9623	45.8593	115.826	495.810
8.	.500	5.86280	5.87240	5.90132	6.01850	6.21895	6.50968	6.89878	7.39318	8.70161	10.3660	20.1249	50.0500	120.021	500.005
	.700	8.59597	8.61156	8.65840	8.84665	9.16287	9.60843	10.1808	10.8705	12.5267	14.3998	24.2987	54.2414	124.215	504.200
	.900	13.3512	13.3765	13.4521	13.7511	14.2353	14.8816	15.6572	16.5253	18.4135	20.3802	30.3354	60.2940	130.272	510.257
	.950	15.8412	15.8715	15.9617	16.3143	16.8729	17.5966	18.4379	19.3532	21.2882	23.2689	33.2346	63.1985	133.178	513.164
	.990	20.7296	20.7695	20.8875	21.3373	22.0166	22.8490	23.7690	24.7327	26.7079	28.6991	38.6760	68.6474	138.629	518.616
	.999	26.4205	26.4714	26.6206	27.1695	27.9524	28.8601	29.8237	30.8094	32.7995	34.7946	44.7782	74.7555	144.739	524.727
	.010	1.03817	1.03868	1.04024	1.04650	1.05698	1.07179	1.09108	1.11500	1.17776	1.26251	2.21085	26.8293	96.7623	476.742
	.050	1.91931	1.92020	1.92290	1.93373	1.95193	1.97773	2.01149	2.05366	2.16590	2.32192	4.82565	33.6256	103.576	483.557
	.150	3.00712	3.00886	3.01409	3.03516	3.07090	3.12227	3.19073	3.27840	3.52425	3.89937	9.95395	39.6986	109.658	489.641
	.300	4.50746	4.51143	4.52340	4.57185	4.65466	4.77499	4.93733	5.14752	5.74011	6.61364	14.9318	44.8118	114.778	494.761
10.	.500	7.11676	7.12472	7.14867	7.24516	7.40851	7.64229	7.95102	8.33958	9.37161	10.7433	20.1257	50.0500	120.021	500.005
	.700	10.6070	10.6197	10.6577	10.8100	11.0653	11.4248	11.8886	12.4546	13.8658	15.5666	25.3433	55.2893	125.264	505.249
	.900	16.6017	16.6221	16.6830	16.9249	17.3211	17.8600	18.5243	19.2924	21.0452	22.9546	32.8919	62.8554	132.834	512.820
	.950	19.7282	19.7526	19.8252	20.1116	20.5737	21.1894	21.9301	22.7649	24.6072	26.5564	36.5174	66.4862	136.467	516.453
	.990	25.8562	25.8882	25.9834	26.3524	26.9287	27.6645	28.5109	29.4267	31.3600	33.3419	43.3215	73.2977	143.281	523.268
	.999	32.9819	33.0228	33.1435	33.6007	34.2849	35.1175	36.0353	36.9968	38.9711	40.9644	50.9517	80.9333	150.919	530.907

u = 1		h = 3.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	.973968	1.00746	1.10762	1.49559	2.08449	2.80701	3.61342	4.47305	6.28584	8.16808	17.9237	47.7738	117.715	497.684
	.050	1.58993	1.62676	1.73533	2.14294	2.74543	3.47566	4.28642	5.14861	6.96404	8.84751	18.6047	48.4552	118.397	498.365
	.150	2.16463	2.20273	2.31463	2.73089	3.34038	4.07509	4.88862	5.75254	7.56987	9.45427	19.2127	49.0636	119.005	498.974
	.300	2.65665	2.69538	2.80895	3.22983	3.84334	4.58083	5.39615	6.26125	8.07992	9.96500	19.7244	49.5756	119.517	499.486
1.	.500	3.16525	3.20441	3.31917	3.74339	4.35997	5.09968	5.91650	6.78260	8.60246	10.4882	20.2485	50.0999	120.042	500.010
	.700	3.67701	3.71649	3.83210	4.25881	4.87776	5.61924	6.43729	7.30426	9.12514	11.0114	20.7726	50.6242	120.566	500.534
	.900	4.41970	4.45951	4.57601	5.00534	5.62689	6.37038	7.18989	8.05787	9.88003	11.7670	21.5293	51.3813	121.323	501.292
	.950	4.77723	4.81715	4.93398	5.36430	5.98685	6.73114	7.55123	8.41964	10.2423	12.1296	21.8924	51.7446	121.686	501.655
	.990	5.44937	5.48948	5.60681	6.03865	6.66276	7.40833	8.22936	9.09847	10.9221	12.8099	22.5735	52.4260	122.368	502.336
	.999	6.20455	6.24481	6.36258	6.79575	7.42127	8.16799	8.98991	9.85969	11.6842	13.5725	23.3370	53.1898	123.132	503.100
	.010	1.18102	1.19126	1.22218	1.34872	1.56914	1.89555	2.34047	2.91002	4.37020	6.08780	15.6491	45.4549	115.390	495.357
	.050	1.83855	1.85156	1.89081	2.05103	2.32889	2.73728	3.28393	3.95836	5.56793	7.35623	16.9944	46.8155	116.753	496.720
	.150	2.45087	2.46699	2.51565	2.71455	3.05924	3.55991	4.20740	4.96633	6.67353	8.50620	18.1971	48.0303	117.969	497.937
	.300	2.98048	3.00016	3.05958	3.30262	3.72137	4.31334	5.04171	5.85633	7.62300	9.48353	19.2104	49.0527	118.993	498.961
2.	.500	3.53735	3.56213	3.63698	3.94225	4.45677	5.14487	5.94061	6.79706	8.60883	10.4915	20.2489	50.0999	120.042	500.010
	.700	4.11273	4.14501	4.24236	4.63389	5.25840	6.02873	6.87311	7.75959	9.60510	11.5052	21.2882	51.1472	121.090	501.059
	.900	4.99210	5.04268	5.19311	5.75425	6.52154	7.37043	8.26057	9.17678	11.0574	12.9766	22.7900	52.6593	122.604	502.573
	.950	5.44432	5.50854	5.69586	6.34497	7.16001	8.03331	8.93875	9.86535	11.7589	13.6854	23.5111	53.3849	123.331	503.300
	.990	6.37016	6.47017	6.74011	7.52189	8.39406	9.29966	10.2265	11.1681	13.0808	15.0187	24.8644	54.7460	124.693	504.663
	.999	7.54657	7.69351	8.04280	8.90670	9.81538	10.7446	11.6879	12.6416	14.5703	16.5180	26.3823	56.2718	126.221	506.190
	.010	1.31991	1.32489	1.33986	1.40063	1.50500	1.65780	1.86635	2.14113	2.95157	4.21329	13.3811	43.1351	113.065	493.031
	.050	2.01943	2.02606	2.04601	2.12723	2.26774	2.47602	2.76555	3.15574	4.31731	5.91569	15.3840	45.1750	115.109	495.076
	.150	2.68348	2.69229	2.71890	2.82793	3.01936	3.30948	3.72267	4.28363	5.79757	7.56237	17.1795	46.9965	116.933	496.901
	.300	3.27734	3.28908	3.32461	3.47155	3.73448	4.14121	4.71826	5.45119	7.15901	8.99629	18.6944	48.5296	118.469	498.437
3.	.500	3.93587	3.95263	4.00354	4.21678	4.60474	5.19420	5.95259	6.80116	8.61025	10.4922	20.2490	50.0999	120.042	500.010
	.700	4.67915	4.70497	4.78362	5.11403	5.69239	6.46451	7.32802	8.23058	10.0957	12.0063	21.8059	51.6704	121.614	501.583
	.900	6.01632	6.06718	6.21904	6.79595	7.60593	8.50098	9.42545	10.3658	12.2768	14.2136	24.0574	53.9382	123.885	503.855
	.950	6.79565	6.86174	7.05414	7.72987	8.59670	9.51753	10.4572	11.4083	13.3335	15.2789	25.1388	55.0264	124.975	504.944
	.990	8.43313	8.52679	8.78568	9.58783	10.5124	11.4608	12.4188	13.3835	15.3276	17.2851	27.1691	57.0679	127.019	506.989
	.999	10.4289	10.5517	10.8706	11.7547	12.7089	13.6738	14.6439	15.6181	17.5759	19.5428	29.4471	59.3564	129.310	509.281
	.010	1.42593	1.42890	1.43782	1.47381	1.53498	1.62317	1.74116	1.89296	2.32312	2.99596	11.1334	40.8157	110.740	490.705
	.050	2.16273	2.16680	2.17904	2.22863	2.31352	2.43743	2.60629	2.82933	3.50150	4.63759	13.7795	43.5346	113.465	493.431
	.150	2.87902	2.88472	2.90189	2.97192	3.09363	3.27565	3.53260	3.88781	5.01422	6.64281	16.1629	45.9626	115.897	495.864
	.300	3.54695	3.55510	3.57973	3.68119	3.86167	4.14112	4.55156	5.12728	6.70331	8.51089	18.1784	48.0064	117.945	497.912
4.	.500	4.34296	4.35600	4.39560	4.56131	4.86444	5.34152	6.00783	6.81552	8.61109	10.4924	20.2490	50.0999	120.042	500.010
	.700	5.35326	5.37626	5.44616	5.73771	6.24981	6.96428	7.80821	8.71313	10.5915	12.5108	22.3244	52.1937	122.139	502.108
	.900	7.36216	7.40690	7.53998	8.05027	8.80783	9.69413	10.6295	11.5827	13.5126	15.4612	25.3271	55.2174	125.166	505.136
	.950	8.50202	8.55738	8.71990	9.31650	10.1451	11.0685	12.0218	12.9857	14.9292	16.8865	26.7699	56.6684	126.619	506.589
	.990	10.8119	10.8870	11.1015	11.8264	12.7360	13.6951	14.6663	15.6420	17.6023	19.5709	29.4790	59.3905	129.344	509.315
	.999	13.5623	13.6594	13.9261	14.7498	15.7031	16.6792	17.6601	18.6433	20.6147	22.5914	32.5188	62.4420	132.399	512.371

u = 1		h = 3.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	1.51250	1.51448	1.52044	1.54444	1.58497	1.64287	1.71940	1.81630	2.08164	2.47099	8.92427	38.4970	108.414	488.378
	.050	2.28289	2.28568	2.29406	2.32790	2.38543	2.46847	2.57987	2.72390	3.13852	3.81372	12.1849	41.8944	111.820	491.786
	.150	3.05093	3.05500	3.06729	3.11719	3.20317	3.32997	3.50551	3.74260	4.49288	5.79511	15.1485	44.9288	114.861	494.828
	.300	3.80108	3.80733	3.82620	3.90362	4.04001	4.24832	4.55045	4.97863	6.29977	8.03298	17.6626	47.4832	117.421	497.388
5.	.500	4.77322	4.78443	4.81839	4.95962	5.21459	5.61124	6.17338	6.89239	8.61928	10.4930	20.2490	50.0999	120.042	500.010
	.700	6.14262	6.16364	6.22715	6.48720	6.93456	7.56567	8.34569	9.22066	11.0922	13.0175	22.8433	52.7171	122.663	502.632
	.900	8.84283	8.88067	8.99346	9.43166	10.1090	10.9458	11.8646	12.8180	14.7582	16.7153	26.5984	56.4967	126.447	506.418
	.950	10.3220	10.3681	10.5044	11.0192	11.7763	12.6671	13.6144	14.5822	16.5367	18.5021	28.4030	58.3106	128.263	508.234
	.990	13.2790	13.3407	13.5200	14.1588	15.0196	15.9667	16.9402	17.9214	19.8912	21.8669	31.7918	61.7134	131.670	511.642
	.999	16.7667	16.8461	17.0707	17.8168	18.7428	19.7171	20.7022	21.6900	23.6692	25.6518	35.5944	65.5282	135.488	515.461
	.010	1.58613	1.58756	1.59185	1.60909	1.63811	1.67934	1.73343	1.80126	1.98321	2.23984	6.79567	36.1791	106.089	486.052
	.050	2.38744	2.38949	2.39565	2.42047	2.46247	2.52266	2.60260	2.70452	2.98852	3.42199	10.6052	40.2545	110.176	490.141
	.150	3.20704	3.21017	3.21958	3.25770	3.32298	3.41831	3.54836	3.72047	4.24306	5.16324	14.1371	43.8951	113.825	493.792
	.300	4.04850	4.05363	4.06914	4.13254	4.24335	4.41046	4.64864	4.98044	6.03175	7.59277	17.1472	46.9600	116.896	496.864
6.	.500	5.24047	5.25067	5.28152	5.40876	5.63435	5.97700	6.45540	7.07580	8.66413	10.4989	20.2490	50.0999	120.042	500.010
	.700	7.01687	7.03570	7.09242	7.32222	7.71268	8.26493	8.96470	9.77992	11.6047	13.5268	23.3626	53.2406	123.187	503.156
	.900	10.3816	10.4140	10.5107	10.8898	11.4898	12.2596	13.1380	14.0742	16.0115	17.9739	27.8708	57.7762	127.729	507.699
	.950	12.1917	12.2309	12.3472	12.7942	13.4758	14.3134	15.2352	16.1951	18.1522	20.1231	30.0377	59.9530	129.908	509.879
	.990	15.7851	15.8373	15.9902	16.5530	17.3517	18.2687	19.2331	20.2140	22.1890	24.1695	34.1067	64.0367	133.996	513.968
	.999	20.0022	20.0691	20.2617	20.9327	21.8155	22.7760	23.7594	24.7491	26.7329	28.7193	38.6727	68.6148	138.578	518.551
	.010	1.70794	1.70879	1.71135	1.72160	1.73879	1.76308	1.79469	1.83393	1.93694	2.07663	3.84562	31.5469	101.438	481.400
	.050	2.56551	2.56677	2.57059	2.58591	2.61170	2.64836	2.69649	2.75691	2.91953	3.15071	7.55966	36.9760	106.888	486.851
	.150	3.48963	3.49173	3.49804	3.52354	3.56687	3.62938	3.71317	3.82135	4.13116	4.62716	12.1278	41.8280	111.753	491.719
	.300	4.54731	4.55130	4.56334	4.61231	4.69692	4.82212	4.99563	5.22859	5.93361	7.04723	16.1181	45.9137	115.848	495.815
8.	.500	6.29867	6.30750	6.33408	6.44206	6.62773	6.89895	7.26488	7.73375	8.98960	10.6071	20.2490	50.0999	120.042	500.010
	.700	8.89099	8.90602	8.95122	9.13302	9.43903	9.87140	10.4286	11.1022	12.7273	14.5741	24.4018	54.2875	124.235	504.205
	.900	13.5412	13.5661	13.6407	13.9354	14.4132	15.0516	15.8186	16.6780	18.5504	20.5037	30.4182	60.3356	130.291	510.262
	.950	16.0014	16.0313	16.1206	16.4697	17.0230	17.7404	18.5750	19.4837	21.4068	23.3772	33.3103	63.2382	133.196	513.169
	.990	20.8520	20.8917	21.0090	21.4561	22.1317	22.9599	23.8754	24.8350	26.8025	28.7871	38.7411	68.6839	138.647	518.620
	.999	26.5166	26.5673	26.7159	27.2629	28.0431	28.9479	29.9086	30.8915	32.8766	34.8672	44.8345	74.7891	144.756	524.731
	.010	1.80750	1.80807	1.80979	1.81665	1.82815	1.84434	1.86533	1.89125	1.95861	2.04832	2.99305	26.9216	96.7881	476.747
	.050	2.71644	2.71733	2.71997	2.73059	2.74842	2.77365	2.80658	2.84760	2.95615	3.10554	5.34083	33.6996	103.600	483.562
	.150	3.74965	3.75124	3.75600	3.77517	3.80763	3.85414	3.91589	3.99457	4.21307	4.54182	10.2022	39.7614	109.681	489.646
	.300	5.07879	5.08226	5.09271	5.13505	5.20755	5.31325	5.45660	5.64367	6.18039	6.99238	15.0985	44.8675	114.800	494.766
10.	.500	7.47148	7.47904	7.50175	7.59338	7.74881	7.97186	8.26746	8.64093	9.63916	10.9762	20.2498	50.0999	120.042	500.010
	.700	10.8447	10.8571	10.8942	11.0432	11.2930	11.6452	12.1002	12.6565	14.0469	15.7277	25.4421	55.3345	125.284	505.254
	.900	16.7537	16.7739	16.8343	17.0740	17.4667	18.0011	18.6603	19.4229	21.1647	23.0641	32.9682	62.8952	132.853	512.825
	.950	19.8562	19.8803	19.9525	20.2370	20.6963	21.3084	22.0450	22.8756	24.7095	26.6511	36.5861	66.5239	136.485	516.458
	.990	25.9538	25.9857	26.0805	26.4482	27.0223	27.7556	28.5993	29.5124	31.4403	33.4174	43.3795	73.3319	143.298	523.273
	.999	33.0585	33.0992	33.2197	33.6759	34.3584	35.1893	36.1052	37.0650	39.0357	41.0259	51.0011	80.9643	150.936	530.912

u = 1 h = 4.0

v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	1.85736	1.88633	1.97224	2.30161	2.80701	3.44368	4.17340	4.96822	6.68256	8.49623	18.0958	47.8436	117.745	497.691
	.050	2.51429	2.54384	2.63134	2.96549	3.47566	4.11597	4.84823	5.64476	7.36110	9.17581	18.7768	48.5250	118.426	498.372
	.150	3.10706	3.13692	3.22528	3.56210	4.07509	4.71770	5.45164	6.24937	7.96718	9.78267	19.3848	49.1334	119.034	498.981
	.300	3.60874	3.63878	3.72764	4.06607	4.58083	5.22493	5.96001	6.75856	8.47741	10.2935	19.8965	49.6454	119.546	499.493
1.	.500	4.12438	4.15456	4.24380	4.58349	5.09968	5.74502	6.48106	7.28033	9.00012	10.8167	20.4206	50.1697	120.071	500.017
	.700	4.64139	4.67167	4.76122	5.10191	5.61924	6.26560	7.00245	7.80234	9.52295	11.3400	20.9447	50.6941	120.595	500.541
	.900	5.38966	5.42006	5.50995	5.85174	6.37038	7.01794	7.75575	8.55640	10.2780	12.0957	21.7014	51.4511	121.352	501.299
	.950	5.74928	5.77973	5.86975	6.21198	6.73114	7.37917	8.11739	8.91835	10.6404	12.4584	22.0645	51.8144	121.716	501.662
	.990	6.42467	6.45519	6.54541	6.88834	7.40833	8.05714	8.79601	9.59749	11.3203	13.1387	22.7456	52.4958	122.397	502.343
	.999	7.18269	7.21328	7.30369	7.64724	8.16799	8.81753	9.55701	10.3590	12.0825	13.9014	23.5091	53.2596	123.161	503.107
	.010	2.05242	2.06253	2.09295	2.21609	2.42636	2.73057	3.13612	3.64732	4.96186	6.55451	15.8563	45.5299	115.420	495.364
	.050	2.73365	2.74581	2.78244	2.93085	3.18457	3.55115	4.03551	4.63314	6.09484	7.77499	17.1901	46.8889	116.783	496.727
	.150	3.35232	3.36695	3.41101	3.58972	3.89518	4.33332	4.90021	5.57620	7.14839	8.88825	18.3836	48.1024	117.999	497.944
	.300	3.88075	3.89818	3.95069	4.16368	4.52609	5.03712	5.67704	6.41242	8.05932	9.83865	19.3896	49.1237	119.022	498.968
2.	.500	4.43069	4.45207	4.51644	4.77682	5.21343	5.80740	6.51709	7.30284	9.01050	10.8223	20.4213	50.1698	120.071	500.017
	.700	4.99223	5.01925	5.10049	5.42582	5.95233	6.62798	7.39572	8.22101	9.97648	11.8145	21.4543	51.2159	121.119	501.066
	.900	5.83371	5.87408	5.99433	6.45304	7.11770	7.88806	8.71701	9.58418	11.3916	13.2591	22.9478	52.7265	122.633	502.580
	.950	6.25680	6.30711	6.45514	6.99194	7.71365	8.51732	9.36806	10.2505	12.0775	13.9565	23.6651	53.4514	123.359	503.307
	.990	7.10351	7.18176	7.39994	8.07971	8.87953	9.72952	10.6118	11.5170	13.3736	15.2706	25.0119	54.8113	124.721	504.670
	.999	8.16842	8.29152	8.59606	9.38628	10.2399	11.1252	12.0327	12.9565	14.8385	16.7513	26.5230	56.3357	126.249	506.197
	.010	2.19129	2.19631	2.21138	2.27230	2.37608	2.52630	2.72848	2.99047	3.73948	4.86930	13.6269	43.2148	113.096	493.038
	.050	2.90604	2.91243	2.93168	3.00976	3.14388	3.34054	3.60978	3.96565	4.99785	6.44241	15.6028	45.2515	115.139	495.083
	.150	3.56785	3.57613	3.60109	3.70294	3.88003	4.14434	4.51335	5.00583	6.35420	7.99829	17.3786	47.0704	116.963	496.908
	.300	4.14931	4.16006	4.19254	4.32604	4.56163	4.91918	5.41983	6.06332	7.62949	9.37415	18.8795	48.6015	118.498	498.444
3.	.500	4.78110	4.79596	4.84101	5.02800	5.36293	5.86905	6.53638	7.31016	9.01302	10.8235	20.4215	50.1698	120.071	500.017
	.700	5.47398	5.49605	5.56313	5.84330	6.33691	7.02028	7.81387	8.66177	10.4462	12.3007	21.9675	51.7383	121.643	501.590
	.900	6.67522	6.71838	6.84809	7.35392	8.09348	8.93279	9.81263	10.7164	12.5710	14.4666	24.2053	54.0036	123.914	503.862
	.950	7.37635	7.43446	7.60517	8.22002	9.03085	9.90644	10.8091	11.7294	13.6063	15.5159	25.2810	55.0906	125.003	504.951
	.990	8.89738	8.98438	9.22622	9.98515	10.8711	11.7876	12.7187	13.6605	15.5675	17.4967	27.3016	57.1301	127.046	506.996
	.999	10.8044	10.9216	11.2274	12.0809	13.0082	13.9501	14.9005	15.8576	17.7871	19.7316	29.5702	59.4164	129.337	509.287
	.010	2.29843	2.30143	2.31045	2.34680	2.40831	2.49648	2.61360	2.76295	3.17883	3.80923	11.4299	40.9002	110.771	490.712
	.050	3.04513	3.04909	3.06102	3.10923	3.19147	3.31081	3.47215	3.68288	4.30164	5.30910	14.0250	43.6142	113.495	493.438
	.150	3.75254	3.75794	3.77421	3.84036	3.95467	4.12405	4.35989	4.67986	5.66919	7.14239	16.3753	46.0383	115.927	495.871
	.300	4.39720	4.40469	4.42733	4.52020	4.68384	4.93350	5.29365	5.79388	7.20983	8.91205	18.3691	48.0791	117.974	497.919
4.	.500	5.14219	5.15371	5.18865	5.33403	5.59721	6.00907	6.59341	7.32612	9.01430	10.8240	20.4215	50.1698	120.071	500.017
	.700	6.05123	6.07099	6.13107	6.38255	6.83150	7.47726	8.26185	9.11842	10.9243	12.7923	22.4819	52.2610	122.167	502.115
	.900	7.86711	7.90817	8.03070	8.50512	9.21966	10.0661	10.9676	11.8923	13.7771	15.6918	25.4669	55.2811	125.194	505.143
	.950	8.93839	8.99048	9.14372	9.70992	10.5038	11.3958	12.3222	13.2631	15.1696	17.0985	26.9026	56.7306	126.647	506.596
	.990	11.1554	11.2278	11.4349	12.1374	13.0233	13.9614	14.9142	15.8739	17.8075	19.7549	29.6000	59.4500	129.371	509.322
	.999	13.8366	13.9314	14.1923	14.9999	15.9371	16.8989	17.8670	18.8388	20.7909	22.7516	32.6290	62.4988	132.426	512.378

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v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	2.38607	2.38808	2.39412	2.41837	2.45925	2.51747	2.59407	2.69056	2.95210	3.32929	9.29295	38.5867	108.446	488.386
	.050	3.16241	3.16513	3.17332	3.20634	3.26234	3.34290	3.45046	3.58863	3.98044	4.59882	12.4630	41.9773	111.852	491.793
	.150	3.91561	3.91947	3.93112	3.97835	4.05941	4.17824	4.34126	4.55867	5.22782	6.37472	15.3757	45.0063	114.892	494.835
	.300	4.63066	4.63638	4.65365	4.72427	4.84786	5.03461	5.30174	5.67551	6.84481	8.45922	17.8591	47.5568	117.450	497.395
5.	.500	5.52065	5.53045	5.56015	5.68329	5.90479	6.24990	6.74665	7.39984	9.02255	10.8246	20.4216	50.1698	120.071	500.017
	.700	6.73844	6.75706	6.81342	7.04587	7.45182	8.03542	8.76905	9.60271	11.4092	13.2875	22.9970	52.7837	122.691	502.639
	.900	9.25251	9.28845	9.39565	9.81366	10.4638	11.2723	12.1651	13.0956	14.9989	16.9275	26.7312	56.5590	126.475	506.425
	.950	10.6732	10.7176	10.8490	11.3466	12.0815	12.9500	13.8771	14.8271	16.7521	18.6943	28.5276	58.3709	128.291	508.241
	.990	13.5525	13.6129	13.7883	14.4142	15.2596	16.1921	17.1523	18.1215	20.0711	22.0302	31.9034	61.7706	131.697	511.648
	.999	16.9836	17.0619	17.2834	18.0201	18.9356	19.9001	20.8762	21.8559	23.8209	25.7914	35.6944	65.5821	135.514	515.468
	.010	2.46059	2.46203	2.46637	2.48379	2.51307	2.55458	2.60889	2.67676	2.85761	3.10994	7.27528	36.2747	106.122	486.059
	.050	3.26457	3.26657	3.27259	3.29682	3.33776	3.39630	3.47379	3.57217	3.84374	4.25037	10.9247	40.3409	110.208	490.148
	.150	4.06354	4.06650	4.07541	4.11142	4.17292	4.26233	4.38351	4.54245	5.01523	5.82404	14.3807	43.9745	113.856	493.799
	.300	4.85635	4.86102	4.87509	4.93247	5.03227	5.18158	5.39228	5.68296	6.60814	8.04540	17.3498	47.0344	116.926	496.871
6.	.500	5.92849	5.93738	5.96430	6.07532	6.27264	6.57476	7.00344	7.57137	9.06597	10.8304	20.4216	50.1698	120.071	500.017
	.700	7.52795	7.54526	7.59746	7.80983	8.17362	8.69321	9.35816	10.1397	11.9073	13.7863	23.5127	53.3064	123.215	503.163
	.900	10.7265	10.7578	10.8511	11.2177	11.7999	12.5496	13.4081	14.3260	16.2325	18.1706	27.9973	57.8370	127.756	507.706
	.950	12.4857	12.5239	12.6373	13.0737	13.7406	14.5622	15.4686	16.4145	18.3476	20.2992	30.1552	60.0116	129.935	509.886
	.990	16.0125	16.0639	16.2146	16.7694	17.5577	18.4641	19.4186	20.3903	22.3493	24.3165	34.2105	64.0917	134.022	513.975
	.999	20.1819	20.2482	20.4389	21.1040	21.9796	22.9330	23.9098	24.8933	26.8663	28.8433	38.7643	68.6662	138.603	518.558
	.010	2.58360	2.58446	2.58704	2.59738	2.61469	2.63913	2.67088	2.71023	2.81318	2.95202	4.63379	31.6567	101.473	481.407
	.050	3.43839	3.43962	3.44334	3.45827	3.48337	3.51901	3.56571	3.62421	3.78088	4.00155	8.00626	37.0701	106.921	486.859
	.150	4.32989	4.33186	4.33779	4.36168	4.40220	4.46049	4.53831	4.63822	4.92094	5.36402	12.4120	41.9113	111.785	491.726
	.300	5.30472	5.30827	5.31898	5.36248	5.43746	5.54798	5.70053	5.90479	6.52654	7.53970	16.3337	45.9898	115.878	495.822
8.	.500	6.86375	6.87170	6.89566	6.99325	7.16199	7.41043	7.74888	8.18703	9.37799	10.9358	20.4216	50.1698	120.071	500.017
	.700	9.28835	9.30269	9.34582	9.51952	9.81265	10.2282	10.7659	11.4187	13.0030	14.8146	24.5455	54.3521	124.264	504.212
	.900	13.8028	13.8272	13.9003	14.1894	14.6586	15.2864	16.0418	16.8895	18.7404	20.6755	30.5338	60.3937	130.318	510.269
	.950	16.2230	16.2525	16.3405	16.6848	17.2310	17.9398	18.7653	19.6650	21.5716	23.5281	33.4160	63.2937	133.223	513.175
	.990	21.0223	21.0616	21.1779	21.6214	22.2918	23.1141	24.0237	24.9774	26.9344	28.9098	38.8321	68.7351	138.672	518.627
	.999	26.6505	26.7010	26.8488	27.3931	28.1696	29.0703	30.0271	31.0062	32.9842	34.9687	44.9132	74.8361	144.781	524.738
	.010	2.68385	2.68442	2.68614	2.69305	2.70459	2.72085	2.74190	2.76787	2.83523	2.92461	3.84616	27.0504	96.8242	476.754
	.050	3.58526	3.58612	3.58869	3.59900	3.61630	3.64076	3.67264	3.71230	3.81691	3.96005	5.98457	33.8029	103.633	483.569
	.150	4.57251	4.57398	4.57839	4.59617	4.62620	4.66916	4.72601	4.79817	4.99691	5.29172	10.5400	39.8491	109.713	489.653
	.300	5.77426	5.77731	5.78650	5.82372	5.88743	5.98030	6.10639	6.27136	6.74977	7.49114	15.3288	44.9454	114.830	494.773
10.	.500	7.94188	7.94894	7.97017	8.05594	8.20177	8.41178	8.69126	9.04605	10.0017	11.2943	20.4224	50.1698	120.071	500.017
	.700	11.1691	11.1811	11.2171	11.3616	11.6043	11.9469	12.3905	12.9338	14.2966	15.9505	25.5798	55.3978	125.312	505.261
	.900	16.9642	16.9841	17.0437	17.2805	17.6684	18.1968	18.8490	19.6041	21.3309	23.2165	33.0747	62.9510	132.880	512.832
	.950	20.0339	20.0578	20.1293	20.4113	20.8667	21.4738	22.2049	23.0295	24.8520	26.7831	36.6822	66.5767	136.511	516.465
	.990	26.0899	26.1216	26.2159	26.5816	27.1529	27.8827	28.7226	29.6318	31.5524	33.5228	43.4606	73.3798	143.323	523.280
	.999	33.1653	33.2060	33.3261	33.7807	34.4612	35.2897	36.2030	37.1601	39.1261	41.1118	51.0701	81.0077	150.959	530.918

u = 1 h = 5.0

v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	2.80701	2.83105	2.90253	3.17953	3.61342	4.17340	4.83020	5.55972	7.16840	8.90408	18.3149	47.9332	117.782	497.700
	.050	3.47566	3.49987	3.57185	3.85054	4.28642	4.84823	5.50649	6.23714	7.84729	9.58382	18.9959	48.6146	118.463	498.381
	.150	4.07509	4.09942	4.17171	4.45144	4.88862	5.45164	6.11093	6.84238	8.45363	10.1908	19.6040	49.2230	119.072	498.990
	.300	4.58083	4.60522	4.67771	4.95812	5.39615	5.96001	6.62000	7.35202	8.96405	10.7017	20.1157	49.7350	119.584	499.502
1.	.500	5.09968	5.12412	5.19677	5.47775	5.91650	6.48106	7.14166	7.87418	9.48693	11.2250	20.6398	50.2593	120.108	500.026
	.700	5.61924	5.64373	5.71651	5.99795	6.43729	7.00245	7.66358	8.39654	10.0099	11.7484	21.1639	50.7837	120.633	500.550
	.900	6.37038	6.39493	6.46786	6.74985	7.18989	7.75575	8.41753	9.15102	10.7652	12.5042	21.9206	51.5408	121.390	501.308
	.950	6.73114	6.75570	6.82870	7.11090	7.55123	8.11739	8.77942	9.51314	11.1277	12.8669	22.2837	51.9040	121.753	501.671
	.990	7.40833	7.43293	7.50602	7.78857	8.22936	8.79601	9.45849	10.1926	11.8077	13.5473	22.9649	52.5855	122.435	502.352
	.999	8.16799	8.19262	8.26581	8.54869	8.98991	9.55701	10.2199	10.9544	12.5700	14.3100	23.7284	53.3493	123.198	503.116
	.010	2.98197	2.99151	3.02019	3.13588	3.33199	3.61296	3.98359	4.44690	5.63896	7.11189	16.1189	45.6262	115.459	495.373
	.050	3.66877	3.68002	3.71385	3.85041	4.08210	4.41368	4.84839	5.38410	6.71351	8.28304	17.4385	46.9832	116.821	496.736
	.150	4.28794	4.30123	4.34119	4.50256	4.77612	5.16544	5.66854	6.27395	7.71636	9.35672	18.6205	48.1949	118.037	497.953
	.300	4.81398	4.82954	4.87636	5.06529	5.38429	5.83281	6.39944	7.06237	8.58763	10.2772	19.6176	49.2148	119.060	498.977
2.	.500	5.35854	5.37724	5.43347	5.65973	6.03760	6.55590	7.18833	7.90465	9.50171	11.2332	20.6409	50.2594	120.108	500.026
	.700	5.91085	5.93392	6.00319	6.27976	6.73035	7.32299	8.01605	8.77781	10.4342	12.2005	21.6660	51.3042	121.156	501.075
	.900	6.72859	6.76167	6.86028	7.24089	7.81393	8.50565	9.26987	10.0832	11.8071	13.6135	23.1490	52.8129	122.670	502.589
	.950	7.13361	7.17401	7.29340	7.73840	8.36966	9.10057	9.89187	10.7249	12.4749	14.2973	23.8617	53.5369	123.396	503.316
	.990	7.92861	7.98989	8.16447	8.74370	9.46613	10.2550	11.0870	11.9501	13.7407	15.5884	25.2002	54.8952	124.758	504.679
	.999	8.90460	9.00385	9.26033	9.96851	10.7605	11.5958	12.4616	13.3503	15.1762	17.0465	26.7029	56.4178	126.285	506.206
	.010	3.11540	3.12028	3.13494	3.19412	3.29459	3.43929	3.63264	3.88087	4.57682	5.60212	13.9367	43.3170	113.135	493.047
	.050	3.83133	3.83744	3.85584	3.93032	4.05767	4.24307	4.49430	4.82197	5.75320	7.06199	15.8797	45.3497	115.178	495.092
	.150	4.48771	4.49549	4.51894	4.61430	4.77898	5.02206	5.35654	5.79664	7.00425	8.52598	17.6312	47.1653	117.002	496.917
	.300	5.05868	5.06860	5.09855	5.22104	5.43499	5.75498	6.19724	6.76647	8.19453	9.83860	19.1147	48.6937	118.536	498.453
3.	.500	5.67094	5.68433	5.72482	5.89173	6.18680	6.62831	7.21622	7.91626	9.50568	11.2351	20.6411	50.2594	120.108	500.026
	.700	6.32889	6.34816	6.40658	6.64889	7.07439	7.67557	8.39716	9.18628	10.8803	12.6691	22.1734	51.8256	121.680	501.599
	.900	7.43052	7.46711	7.57742	8.01530	8.68054	9.45898	10.2889	11.1508	12.9394	14.7856	24.3941	54.0875	123.950	503.870
	.950	8.06253	8.11270	8.26131	8.81101	9.56016	10.3850	11.2454	12.1297	13.9493	15.8153	25.4626	55.1731	125.039	504.960
	.990	9.46159	9.54115	9.76387	10.4739	11.3157	12.1948	13.0941	14.0084	15.8707	17.7650	27.4710	57.2099	127.082	507.005
	.999	11.2689	11.3797	11.6701	12.4877	13.3831	14.2976	15.2241	16.1603	18.0550	19.9717	29.7276	59.4935	129.372	509.296
	.010	3.22030	3.22326	3.23213	3.26784	3.32820	3.41449	3.52871	3.67369	4.07328	4.66648	11.8002	41.0086	110.811	490.721
	.050	3.96524	3.96907	3.98061	4.02719	4.10646	4.22106	4.37511	4.57475	5.14999	6.05834	14.3345	43.7164	113.535	493.447
	.150	4.66247	4.66761	4.68306	4.74578	4.85371	5.01253	5.23137	5.52407	6.40767	7.73734	16.6445	46.1355	115.966	495.880
	.300	5.28870	5.29568	5.31672	5.40276	5.55326	5.78020	6.10252	6.54425	7.81301	9.40265	18.6114	48.1724	118.012	497.929
4.	.500	5.99683	6.00721	6.03866	6.16882	6.40201	6.76302	7.27627	7.93481	9.50758	11.2358	20.6412	50.2594	120.108	500.026
	.700	6.83266	6.84987	6.90217	7.12078	7.51312	8.08994	8.81106	9.61443	11.3378	13.1454	22.6827	52.3472	122.204	502.123
	.900	8.47342	8.51055	8.62169	9.05691	9.72370	10.5251	11.3875	12.2788	14.1098	15.9833	25.6456	55.3629	125.230	505.152
	.950	9.47031	9.51874	9.66161	10.1936	10.9479	11.8033	12.6980	13.6115	15.4733	17.3672	27.0722	56.8104	126.682	506.605
	.990	11.5821	11.6514	11.8498	12.5258	13.3836	14.2964	15.2270	16.1672	18.0680	19.9890	29.7549	59.5264	129.406	509.331
	.999	14.1814	14.2736	14.5274	15.3154	16.2330	17.1772	18.1296	19.0873	21.0152	22.9560	32.7701	62.5717	132.460	512.386

u = 1		h = 5.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	3.30673	3.30872	3.31468	3.33863	3.37897	3.43632	3.51164	3.60627	3.86137	4.22535	9.74651	38.7019	108.488	488.395
	.050	4.07901	4.08166	4.08962	4.12168	4.17600	4.25395	4.35767	4.49032	4.86239	5.43607	12.8117	42.0836	111.892	491.802
	.150	4.81776	4.82145	4.83255	4.87750	4.95443	5.06668	5.21964	5.42165	6.02952	7.04900	15.6628	45.1058	114.931	494.844
	.300	5.50588	5.51120	5.52723	5.59264	5.70647	5.87700	6.11798	6.45050	7.48770	8.97759	18.1086	47.6511	117.489	497.404
5.	.500	6.33662	6.34538	6.37188	6.48140	6.67715	6.98047	7.41864	8.00588	9.51600	11.2365	20.6413	50.2594	120.108	500.026
	.700	7.43351	7.44991	7.49962	7.70551	8.06939	8.60235	9.28521	10.0727	11.8043	13.6268	23.1932	52.8690	122.728	502.648
	.900	9.75418	9.78797	9.88891	10.2841	10.9031	11.6786	12.5408	13.4442	15.3028	17.1964	26.9009	56.6389	126.511	506.433
	.950	11.1086	11.1510	11.2767	11.7541	12.4629	13.3049	14.2078	15.1361	17.0251	18.9386	28.6870	58.4484	128.326	508.250
	.990	13.8962	13.9550	14.1257	14.7360	15.5628	16.4773	17.4211	18.3756	20.3001	22.2384	32.0464	61.8439	131.731	511.657
	.999	17.2585	17.3354	17.5532	18.2781	19.1807	20.1330	21.0979	22.0674	24.0145	25.9699	35.8226	65.6514	135.548	515.476
	.010	3.38044	3.38187	3.38617	3.40341	3.43237	3.47339	3.52699	3.59387	3.77148	4.01775	7.84902	36.3973	106.164	486.069
	.050	4.17842	4.18037	4.18623	4.20981	4.24962	4.30645	4.38150	4.47651	4.73702	5.12162	11.3222	40.4516	110.249	490.157
	.150	4.95880	4.96162	4.97010	5.00438	5.06279	5.14742	5.26157	5.41026	5.84539	6.56911	14.6881	44.0763	113.895	493.808
	.300	5.71503	5.71934	5.73233	5.78521	5.87679	6.01288	6.20315	6.46277	7.28184	8.59264	17.6068	47.1299	116.965	496.880
6.	.500	6.69925	6.70713	6.73095	6.82907	7.00313	7.26982	7.65125	8.16527	9.55789	11.2423	20.6413	50.2594	120.108	500.026
	.700	8.13913	8.15484	8.20227	8.39612	8.73109	9.21489	9.84103	10.5844	12.2854	14.1129	23.7044	53.3909	123.252	503.172
	.900	11.1543	11.1842	11.2738	11.6258	12.1870	12.9128	13.7475	14.6434	16.5123	18.4203	28.1590	57.9151	127.791	507.715
	.950	12.8539	12.8909	13.0008	13.4245	14.0737	14.8760	15.7636	16.6922	18.5957	20.5233	30.3056	60.0869	129.969	509.895
	.990	16.3003	16.3507	16.4985	17.0435	17.8192	18.7124	19.6544	20.6147	22.5538	24.5042	34.3434	64.1623	134.055	513.983
	.999	20.4106	20.4760	20.6646	21.3222	22.1889	23.1334	24.1018	25.0776	27.0368	29.0019	38.8819	68.7322	138.636	518.566
	.010	3.50233	3.50318	3.50574	3.51598	3.53314	3.55734	3.58876	3.62767	3.72931	3.86596	5.47333	31.7974	101.517	481.416
	.050	4.34774	4.34894	4.35256	4.36709	4.39152	4.42617	4.47152	4.52822	4.67957	4.89134	8.54642	37.1907	106.963	486.868
	.150	5.21208	5.21395	5.21957	5.24220	5.28053	5.33555	5.40878	5.50240	5.76480	6.16862	12.7680	42.0183	111.825	491.735
	.300	6.12601	6.12924	6.13897	6.17843	6.24627	6.34586	6.48259	6.66462	7.21616	8.12993	16.6069	46.0875	115.917	495.831
8.	.500	7.52841	7.53552	7.55695	7.64440	7.79623	8.02127	8.33073	8.73575	9.85496	11.3444	20.6413	50.2594	120.108	500.026
	.700	9.77565	9.78922	9.83002	9.99460	10.2731	10.6695	11.1847	11.8132	13.3490	15.1183	24.7289	54.4349	124.300	504.221
	.900	14.1320	14.1559	14.2272	14.5095	14.9682	15.5830	16.3242	17.1577	18.9818	20.8943	30.6818	60.4684	130.352	510.278
	.950	16.5035	16.5325	16.6190	16.9574	17.4947	18.1929	19.0071	19.8957	21.7817	23.7207	33.5513	63.3650	133.257	513.184
	.990	21.2391	21.2780	21.3931	21.8321	22.4960	23.3110	24.2130	25.1594	27.1030	29.0669	38.9487	68.8008	138.705	518.636
	.999	26.8218	26.8719	27.0188	27.5596	28.3314	29.2270	30.1787	31.1530	33.1222	35.0987	45.0142	74.8965	144.812	524.747
	.010	3.60170	3.60226	3.60397	3.61081	3.62225	3.63835	3.65919	3.68489	3.75148	3.83969	4.73741	27.2150	96.8705	476.764
	.050	4.49068	4.49151	4.49401	4.50403	4.52084	4.54460	4.57553	4.61397	4.71514	4.85300	6.71605	33.9352	103.677	483.578
	.150	5.44128	5.44267	5.44682	5.46353	5.49174	5.53202	5.58520	5.65249	5.83659	6.10638	10.9591	39.9617	109.754	489.662
	.300	6.54919	6.55192	6.56014	6.59341	6.65028	6.73304	6.84518	6.99175	7.41777	8.08819	15.6200	45.0453	114.869	494.782
10.	.500	8.50916	8.51569	8.53533	8.61477	8.75019	8.94597	9.20774	9.54181	10.4495	11.6906	20.6421	50.2594	120.108	500.026
	.700	11.5727	11.5843	11.6190	11.7584	11.9926	12.3240	12.7539	13.2819	14.6113	16.2325	25.7557	55.4791	125.348	505.270
	.900	17.2311	17.2506	17.3093	17.5424	17.9245	18.4453	19.0889	19.8346	21.5427	23.4110	33.2112	63.0226	132.913	512.841
	.950	20.2601	20.2838	20.3545	20.6333	21.0837	21.6846	22.4087	23.2260	25.0339	26.9519	36.8053	66.6444	136.544	516.474
	.990	26.2638	26.2953	26.3890	26.7523	27.3199	28.0453	28.8804	29.7847	31.6959	33.6579	43.5647	73.4413	143.354	523.288
	.999	33.3022	33.3427	33.4623	33.9151	34.5929	35.4182	36.3282	37.2821	39.2419	41.2220	51.1587	81.0635	150.989	530.927

u = 1		h = 6.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	3.77856	3.79889	3.85950	4.09634	4.47305	4.96822	5.55972	6.22767	7.73049	9.38333	18.5796	48.0425	117.828	497.711
	.050	4.45216	4.47257	4.53339	4.77095	5.14861	5.64476	6.23714	6.90582	8.40971	10.0632	19.2607	48.7240	118.509	498.392
	.150	5.05476	5.07522	5.13617	5.37422	5.75254	6.24937	6.84238	7.51161	9.01630	10.6703	19.8687	49.3323	119.118	499.001
	.300	5.56257	5.58305	5.64410	5.88249	6.26125	6.75856	7.35202	8.02163	9.52691	11.1813	20.3805	49.8443	119.630	499.513
1.	.500	6.08314	6.10366	6.16478	6.40345	6.78260	7.28033	7.87418	8.54414	10.0500	11.7048	20.9046	50.3686	120.154	500.037
	.700	6.60413	6.62467	6.68586	6.92477	7.30426	7.80234	8.39654	9.06680	10.5731	12.2282	21.4287	50.8930	120.678	500.561
	.900	7.35696	7.37752	7.43879	7.67799	8.05787	8.55640	9.15102	9.82166	11.3286	12.9841	22.1854	51.6501	121.436	501.319
	.950	7.71839	7.73896	7.80027	8.03958	8.41964	8.91835	9.51314	10.1839	11.6911	13.3468	22.5485	52.0133	121.799	501.682
	.990	8.39668	8.41728	8.47863	8.71815	9.09847	9.59749	10.1926	10.8637	12.3713	14.0273	23.2297	52.6948	122.480	502.363
	.999	9.15738	9.17799	9.23939	9.47910	9.85969	10.3590	10.9544	11.6257	13.1338	14.7902	23.9932	53.4586	123.244	503.127
	.010	3.93585	3.94480	3.97169	4.07992	4.26261	4.52281	4.86381	5.28776	6.37773	7.74170	16.4342	45.7436	115.506	495.385
	.050	4.62396	4.63437	4.66566	4.79166	5.00438	5.30696	5.70156	6.18707	7.40210	8.86548	17.7375	47.0981	116.868	496.747
	.150	5.24227	5.25440	5.29086	5.43765	5.68517	6.03558	6.48769	7.03437	8.35872	9.89948	18.9061	48.3077	118.083	497.964
	.300	5.76607	5.78009	5.82222	5.99171	6.27643	6.67580	7.18265	7.78249	9.19202	10.7890	19.8928	49.3258	119.106	498.988
2.	.500	6.30661	6.32318	6.37295	6.57260	6.90508	7.36307	7.92937	8.58180	10.0692	11.7157	20.9062	50.3687	120.154	500.037
	.700	6.85257	6.87262	6.93273	7.17231	7.56404	8.08723	8.71227	9.41252	10.9674	12.6561	21.9220	51.4119	121.202	501.086
	.900	7.65481	7.68255	7.76527	8.08682	8.58318	9.20186	9.90231	10.6605	12.2954	14.0344	23.3926	52.9182	122.715	502.600
	.950	8.04829	8.08152	8.18000	8.55339	9.10404	9.76436	10.4955	11.2769	12.9437	14.7030	24.0997	53.6412	123.441	503.327
	.990	8.80999	8.85877	8.99966	9.48970	10.1354	10.8616	11.6407	12.4585	14.1762	15.9681	25.4285	54.9975	124.802	504.689
	.999	9.72275	9.80140	10.0126	10.6361	11.3635	12.1454	12.9661	13.8159	15.5787	17.4003	26.9211	56.5180	126.329	506.217
	.010	4.06319	4.06791	4.08208	4.13922	4.23601	4.37492	4.55960	4.79510	5.44609	6.38750	14.3062	43.4416	113.183	493.058
	.050	4.77720	4.78304	4.80062	4.87165	4.99269	5.16794	5.40360	5.70791	6.55887	7.75220	16.2117	45.4694	115.225	495.103
	.150	5.42814	5.43548	5.45759	5.54725	5.70125	5.92668	6.23345	6.63250	7.72370	9.12949	17.9353	47.2809	117.048	496.928
	.300	5.99065	5.99988	6.02768	6.14101	6.33739	6.62778	7.02463	7.53382	8.83582	10.3780	19.3984	48.8061	118.583	498.464
3.	.500	6.58830	6.60049	6.63733	6.78837	7.05254	7.44388	7.96598	8.59852	10.0750	11.7185	20.9065	50.3688	120.154	500.037
	.700	7.22114	7.23825	7.29002	7.50331	7.87538	8.40593	9.05887	9.78899	11.3883	13.1053	22.4226	51.9320	121.726	501.610
	.900	8.25072	8.28205	8.37658	8.75533	9.34849	10.0647	10.8426	11.6598	13.3759	15.1663	24.6230	54.1899	123.994	503.881
	.950	8.82719	8.87026	8.99858	9.48436	10.1699	10.9414	11.7565	12.6017	14.3574	16.1738	25.6828	55.2737	125.083	504.971
	.990	10.1097	10.1814	10.3840	11.0421	11.8364	12.6747	13.5387	14.4223	16.2336	18.0876	27.6766	57.3073	127.126	507.016
	.999	11.8120	11.9159	12.1895	12.9675	13.8275	14.7110	15.6105	16.5228	18.3771	20.2613	29.9190	59.5875	129.415	509.307
	.010	4.16526	4.16815	4.17682	4.21173	4.27064	4.35473	4.46576	4.60621	4.99034	5.55164	12.2376	41.1407	110.861	490.732
	.050	4.90604	4.90975	4.92090	4.96591	5.04236	5.15253	5.29999	5.48991	6.02920	6.85974	14.7039	43.8409	113.583	493.458
	.150	5.59409	5.59898	5.61372	5.67345	5.77588	5.92578	6.13065	6.40157	7.20263	8.40722	16.9677	46.2539	116.013	495.892
	.300	6.20572	6.21226	6.23199	6.31245	6.45235	6.66133	6.95435	7.35066	8.49199	9.96948	18.9033	48.2862	118.059	497.940
4.	.500	6.88626	6.89576	6.92449	7.04286	7.25299	7.57461	8.02960	8.62061	10.0777	11.7195	20.9066	50.3688	120.154	500.037
	.700	7.66841	7.68366	7.72992	7.92260	8.26780	8.78136	9.43931	10.1879	11.8236	13.5645	22.9258	52.4525	122.249	502.134
	.900	9.16128	9.19450	9.29427	9.68951	10.3066	11.0603	11.8807	12.7352	14.5060	16.3325	25.8622	55.4628	125.274	505.163
	.950	10.0830	10.1276	10.2596	10.7554	11.4673	12.2831	13.1428	14.0256	15.8365	17.6901	27.2780	56.9079	126.726	506.616
	.990	12.0832	12.1491	12.3380	12.9849	13.8113	14.6955	15.6008	16.5185	18.3813	20.2715	29.9431	59.6196	129.449	509.342
	.999	14.5918	14.6810	14.9268	15.6925	16.5875	17.5113	18.4454	19.3867	21.2861	23.2033	32.9417	62.6606	132.501	512.397

u = 1 h = 6.0

v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	4.25002	4.25197	4.25783	4.28137	4.32098	4.37724	4.45103	4.54357	4.79201	5.14363	10.2737	38.8421	108.538	488.406
	.050	5.01641	5.01898	5.02672	5.05787	5.11058	5.18610	5.28632	5.41402	5.76917	6.30673	13.2255	42.2131	111.941	491.813
	.150	5.74261	5.74614	5.75677	5.79978	5.87321	5.97996	6.12463	6.31422	6.87433	7.79187	16.0069	45.2271	114.979	494.855
	.300	6.40966	6.41465	6.42969	6.49094	6.59707	6.75493	6.97574	7.27657	8.20454	9.57317	18.4090	47.7662	117.535	497.415
5.	.500	7.19625	7.20421	7.22827	7.32738	7.50335	7.77383	8.16315	8.68985	10.0864	11.7204	20.9066	50.3688	120.154	500.037
	.700	8.19990	8.21443	8.25844	8.44105	8.76593	9.24896	9.87980	10.6190	12.2699	14.0303	23.4306	52.9732	122.773	502.659
	.900	10.3346	10.3662	10.4605	10.8315	11.4171	12.1569	12.9853	13.8584	15.6661	17.5194	27.1068	56.7363	126.554	506.444
	.950	11.6187	11.6590	11.7785	12.2339	12.9138	13.7262	14.6017	15.5055	17.3530	19.2330	28.8805	58.5430	128.369	508.261
	.990	14.3052	14.3621	14.5275	15.1201	15.9256	16.8192	17.7441	18.6815	20.5764	22.4903	32.2203	61.9335	131.773	511.668
	.999	17.5886	17.6639	17.8773	18.5887	19.4761	20.4139	21.3656	22.3231	24.2490	26.1864	35.9786	65.7359	135.588	515.487
	.010	4.32259	4.32399	4.32823	4.34522	4.37374	4.41412	4.46683	4.53253	4.70658	4.94681	8.49780	36.5466	106.216	486.080
	.050	5.11319	5.11509	5.12080	5.14377	5.18251	5.23776	5.31060	5.40260	5.65349	6.01977	11.7899	40.5865	110.298	490.169
	.150	5.87780	5.88050	5.88864	5.92147	5.97731	6.05801	6.16642	6.30687	6.71250	7.37059	15.0552	44.2005	113.944	493.819
	.300	6.60573	6.60976	6.62191	6.67128	6.75648	6.88239	7.05703	7.29289	8.02652	9.21782	17.9159	47.2462	117.012	496.891
6.	.500	7.52429	7.53138	7.55281	7.64092	7.79662	8.03434	8.37464	8.83783	10.1269	11.7262	20.9067	50.3688	120.154	500.037
	.700	8.82962	8.84379	8.88661	9.06226	9.36827	9.81533	10.4010	11.1038	12.7324	14.5021	23.9366	53.4940	123.297	503.183
	.900	11.6559	11.6844	11.7697	12.1060	12.6441	13.3434	14.1514	15.0222	16.8479	18.7211	28.3554	58.0104	127.834	507.726
	.950	13.2900	13.3257	13.4318	13.8412	14.4705	15.2507	16.1169	17.0256	18.8947	20.7939	30.4884	60.1788	130.012	509.905
	.990	16.6452	16.6945	16.8391	17.3728	18.1336	19.0114	19.9388	20.8857	22.8012	24.7317	34.5051	64.2485	134.097	513.994
	.999	20.6866	20.7511	20.9370	21.5859	22.4420	23.3759	24.3344	25.3010	27.2437	29.1947	39.0251	68.8128	138.675	518.577
	.010	4.44287	4.44371	4.44623	4.45635	4.47329	4.49717	4.52818	4.56654	4.66665	4.80097	6.34564	31.9685	101.571	481.428
	.050	5.27834	5.27951	5.28304	5.29722	5.32103	5.35479	5.39893	5.45406	5.60080	5.80505	9.16372	37.3376	107.014	486.879
	.150	6.12036	6.12214	6.12751	6.14913	6.18571	6.23812	6.30769	6.39634	6.64292	7.01670	13.1902	42.1487	111.874	491.746
	.300	6.98798	6.99097	6.99995	7.03636	7.09878	7.19007	7.31477	7.47975	7.97499	8.79840	16.9348	46.2065	115.964	495.842
8.	.500	8.26701	8.27337	8.29258	8.37101	8.50743	8.71049	8.99172	9.36347	10.4084	11.8246	20.9067	50.3688	120.154	500.037
	.700	10.3403	10.3531	10.3914	10.5464	10.8094	11.1853	11.6763	12.2782	13.7601	15.4814	24.9513	54.5360	124.344	504.232
	.900	14.5243	14.5475	14.6168	14.8914	15.3382	15.9381	16.6630	17.4798	19.2729	21.1586	30.8617	60.5596	130.395	510.289
	.950	16.8401	16.8685	16.9532	17.2848	17.8118	18.4976	19.2986	20.1740	22.0358	23.9539	33.7160	63.4521	133.298	513.195
	.990	21.5012	21.5396	21.6533	22.0869	22.7432	23.5493	24.4423	25.3800	27.3077	29.2576	39.0908	68.8811	138.744	518.646
	.999	27.0296	27.0793	27.2250	27.7617	28.5279	29.4174	30.3630	31.3315	33.2899	35.2569	45.1374	74.9703	144.850	524.757
	.010	4.54104	4.54160	4.54329	4.55005	4.56135	4.57726	4.59784	4.62321	4.68890	4.77583	5.65191	27.4149	96.9271	476.775
	.050	5.41777	5.41858	5.42102	5.43079	5.44717	5.47030	5.50042	5.53781	5.63603	5.76946	7.50700	34.0963	103.730	483.590
	.150	6.33889	6.34021	6.34415	6.36003	6.38682	6.42500	6.47532	6.53883	6.71167	6.96242	11.4504	40.0988	109.804	489.673
	.300	7.37600	7.37848	7.38596	7.41621	7.46784	7.54279	7.64407	7.77603	8.15839	8.76357	15.9686	45.1672	114.917	494.793
10.	.500	9.15570	9.16169	9.17973	9.25279	9.37768	9.55893	9.80247	10.1150	10.9721	12.1574	20.9075	50.3688	120.154	500.037
	.700	12.0478	12.0589	12.0921	12.2258	12.4509	12.7698	13.1846	13.6953	14.9869	16.5707	25.9692	55.5783	125.392	505.281
	.900	17.5517	17.5709	17.6285	17.8573	18.2326	18.7446	19.3780	20.1128	21.7987	23.6466	33.3772	63.1100	132.955	512.852
	.950	20.5332	20.5565	20.6263	20.9014	21.3460	21.9396	22.6553	23.4639	25.2545	27.1568	36.9552	66.7271	136.584	516.484
	.990	26.4748	26.5060	26.5990	26.9594	27.5227	28.2427	29.0720	29.9705	31.8704	33.8222	43.6915	73.5164	143.393	523.299
	.999	33.4688	33.5091	33.6280	34.0786	34.7531	35.5747	36.4807	37.4307	39.3830	41.3563	51.2668	81.1316	151.025	530.937

u = 1		h = 8.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	5.74733	5.76277	5.80892	5.99095	6.28584	6.68256	7.16840	7.73049	9.03679	10.5230	19.2389	48.3197	117.944	497.739
	.050	6.42498	6.44044	6.48664	6.66887	6.96404	7.36110	7.84729	8.40971	9.71657	11.2032	19.9199	49.0011	118.626	498.420
	.150	7.03039	7.04586	7.09210	7.27448	7.56987	7.96718	8.45363	9.01630	10.3236	11.8105	20.5280	49.6095	119.234	499.029
	.300	7.54015	7.55563	7.60189	7.78437	8.07992	8.47741	8.96405	9.52691	10.8345	12.3217	21.0398	50.1215	119.746	499.541
1.	.500	8.06242	8.07791	8.12420	8.30677	8.60246	9.00012	9.48693	10.0500	11.3579	12.8453	21.5639	50.6458	120.271	500.065
	.700	8.58487	8.60036	8.64667	8.82933	9.12514	9.52295	10.0099	10.5731	11.8813	13.3689	22.0880	51.1702	120.795	500.589
	.900	9.33947	9.35497	9.40131	9.58407	9.88003	10.2780	10.7652	11.3286	12.6371	14.1250	22.8448	51.9273	121.552	501.347
	.950	9.70164	9.71715	9.76350	9.94630	10.2423	10.6404	11.1277	11.6911	12.9998	14.4878	23.2079	52.2905	121.915	501.710
	.990	10.3812	10.3967	10.4430	10.6259	10.9221	11.3203	11.8077	12.3713	13.6802	15.1685	23.8890	52.9720	122.597	502.391
	.999	11.1430	11.1586	11.2050	11.3879	11.6842	12.0825	12.5700	13.1338	14.4430	15.9314	24.6526	53.7358	123.361	503.155
	.010	5.87755	5.88546	5.90919	6.00447	6.16449	6.39082	6.68512	7.04855	7.98038	9.16197	17.2113	46.0412	115.626	495.413
	.050	6.56528	6.57430	6.60138	6.71011	6.89261	7.15033	7.48423	7.89387	8.92707	10.2030	18.4769	47.3894	116.987	496.776
	.150	7.18141	7.19170	7.22261	7.34662	7.55443	7.84680	8.22303	8.67980	9.80787	11.1637	19.6144	48.5936	118.201	497.992
	.300	7.70184	7.71349	7.74846	7.88864	8.12282	8.45028	8.86750	9.36740	10.5753	11.9935	20.5767	49.6074	119.224	499.016
2.	.500	8.23709	8.25051	8.29077	8.45178	8.71913	9.08887	9.55264	10.0985	11.3853	12.8618	21.5666	50.6460	120.271	500.065
	.700	8.77527	8.79100	8.83816	9.02587	9.33403	9.75253	10.2660	10.8575	12.2181	13.7471	22.5603	51.6849	121.318	501.114
	.900	9.55956	9.58015	9.64161	9.88255	10.2652	10.7627	11.3484	12.0017	13.4570	15.0517	24.0014	53.1855	122.829	502.628
	.950	9.94015	9.96403	10.0351	10.3097	10.7344	11.2711	11.8895	12.5697	14.0652	15.6875	24.6952	53.9057	123.555	503.354
	.990	10.6654	10.6982	10.7946	11.1498	11.6592	12.2659	12.9400	13.6651	15.2272	16.8952	26.0004	55.2570	124.916	504.717
	.999	11.5063	11.5564	11.6979	12.1664	12.7664	13.4403	14.1668	14.9338	16.5582	18.2694	27.4686	56.7722	126.441	506.245
	.010	5.99356	5.99796	6.01118	6.06438	6.15422	6.28247	6.45177	6.66559	7.24506	8.06049	15.2066	43.7572	113.306	493.087
	.050	6.70238	6.70774	6.72384	6.78878	6.89889	7.05704	7.26737	7.53517	8.26661	9.28076	17.0277	45.7728	115.346	495.131
	.150	7.34437	7.35096	7.37080	7.45099	7.58765	7.78532	8.05013	8.38888	9.30429	10.5101	18.6868	47.5741	117.168	496.956
	.300	7.89454	7.90264	7.92702	8.02588	8.19526	8.44172	8.77281	9.19359	10.2878	11.6382	20.1024	49.0912	118.701	498.492
3.	.500	8.47215	8.48253	8.51383	8.64114	8.86044	9.17998	9.60416	10.1263	11.3955	12.8668	21.5671	50.6461	120.271	500.065
	.700	9.07211	9.08609	9.12827	9.30031	9.59638	10.0196	10.5554	11.1763	12.5887	14.1547	23.0446	52.2019	121.841	501.638
	.900	10.0094	10.0333	10.1052	10.3948	10.8644	11.4626	12.1378	12.8642	14.4271	16.0947	25.1962	54.4498	124.108	503.909
	.950	10.5105	10.5427	10.6392	11.0149	11.5782	12.2438	12.9664	13.7296	15.3469	17.0520	26.2350	55.5291	125.196	504.999
	.990	11.6008	11.6572	11.8196	12.3719	13.0683	13.8210	14.6093	15.4254	17.1224	18.8836	28.1933	57.5545	127.236	507.043
	.999	13.0943	13.1836	13.4217	14.1157	14.8988	15.7144	16.5532	17.4111	19.1725	20.9803	30.4006	59.8262	129.524	509.335
	.010	6.08997	6.09272	6.10100	6.13426	6.19032	6.27011	6.37508	6.50718	6.86428	7.37405	13.2864	41.4750	110.986	490.761
	.050	6.82208	6.82557	6.83604	6.87822	6.94966	7.05214	7.18837	7.36220	7.84522	8.56167	15.6048	44.1562	113.706	493.486
	.150	7.49544	7.49995	7.51349	7.56825	7.66168	7.79724	7.98026	8.21826	8.89962	9.90825	17.7638	46.5541	116.134	495.920
	.300	8.08572	8.09159	8.10925	8.18100	8.30464	8.48675	8.73715	9.06847	10.0123	11.2842	19.6268	48.5746	118.177	497.968
4.	.500	8.72810	8.73629	8.76101	8.86218	9.03919	9.30481	9.67458	10.1571	11.4007	12.8688	21.5674	50.6461	120.271	500.065
	.700	9.43870	9.45116	9.48887	9.64466	9.92065	10.3326	10.8766	11.5197	12.9781	14.5768	23.5333	52.7195	122.364	502.162
	.900	10.7146	10.7410	10.8205	11.1413	11.6607	12.3184	13.0520	13.8292	15.4689	17.1894	26.4056	55.7162	125.386	505.191
	.950	11.4988	11.5359	11.6462	12.0691	12.6941	13.4270	14.2121	15.0282	16.7254	18.4865	27.7951	57.1552	126.837	506.644
	.990	13.2742	13.3328	13.5016	14.0861	14.8444	15.6656	16.5141	17.3808	19.1557	20.9732	30.4169	59.8564	129.558	509.369
	.999	15.5879	15.6703	15.8983	16.6137	17.4574	18.3343	19.2259	20.1286	21.9607	23.8212	33.3747	62.8865	132.608	512.424

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v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	6.17130	6.17319	6.17883	6.20152	6.23965	6.29374	6.36453	6.45306	6.68925	7.01939	11.5073	39.1968	108.667	488.435
	.050	6.92633	6.92877	6.93611	6.96565	7.01554	7.08681	7.18102	7.30037	7.62796	8.11025	14.2245	42.5411	112.065	491.842
	.150	7.63277	7.63605	7.64591	7.68575	7.75353	7.85151	7.98319	8.15371	8.64373	9.41321	16.8509	45.5343	115.100	494.883
	.300	8.26912	8.27361	8.28715	8.34209	8.43665	8.57578	8.76736	9.02303	9.78945	10.9441	19.1523	48.0579	117.654	497.443
5.	.500	8.99487	9.00169	9.02227	9.10660	9.25458	9.47841	9.79576	10.2250	11.4108	12.8702	21.5675	50.6461	120.271	500.065
	.700	9.87058	9.88231	9.91786	10.0650	10.3269	10.7219	11.2537	11.8971	13.3822	15.0086	24.0245	53.2375	122.887	502.687
	.900	11.6842	11.7113	11.7924	12.1145	12.6318	13.2971	14.0535	14.8606	16.5551	18.3161	27.6241	56.9838	126.665	506.472
	.950	12.8262	12.8621	12.9687	13.3779	13.9963	14.7445	15.5595	16.4082	18.1608	19.9626	29.3675	58.7831	128.478	508.288
	.990	15.2970	15.3497	15.5033	16.0564	16.8136	17.6599	18.5409	19.4384	21.2637	23.1191	32.6588	62.1609	131.879	511.695
	.999	18.4022	18.4738	18.6771	19.3567	20.2084	21.1122	22.0326	22.9611	24.8360	26.7296	36.3728	65.9506	135.692	515.514
	.010	6.24149	6.24286	6.24696	6.26343	6.29106	6.33015	6.38111	6.44450	6.61185	6.84120	9.95967	36.9240	106.347	486.109
	.050	7.01847	7.02028	7.02573	7.04763	7.08454	7.13706	7.20612	7.29303	7.52808	7.86540	12.9040	40.9278	110.425	490.197
	.150	7.75851	7.76103	7.76860	7.79912	7.85091	7.92544	8.02496	8.15280	8.51472	9.07916	15.9515	44.5151	114.066	493.847
	.300	8.44554	8.44916	8.46006	8.50426	8.58011	8.69125	8.84348	9.04568	9.65589	10.6456	18.6797	47.5412	117.131	496.919
6.	.500	9.27402	9.28001	9.29809	9.37208	9.50173	9.69751	9.97530	10.3544	11.4489	12.8760	21.5675	50.6461	120.271	500.065
	.700	10.3806	10.3922	10.4271	10.5710	10.8242	11.2011	11.7068	12.3277	13.8048	15.4487	24.5177	53.7556	123.410	503.211
	.900	12.8449	12.8705	12.9470	13.2501	13.7392	14.3813	15.1309	15.9460	17.6736	19.4657	28.8493	58.2522	127.944	507.753
	.950	14.3405	14.3733	14.4710	14.8492	15.4344	16.1655	16.9830	17.8461	19.6350	21.4675	30.9489	60.4121	130.120	509.933
	.990	17.4926	17.5393	17.6765	18.1839	18.9103	19.7522	20.6452	21.5602	23.4192	25.3015	34.9135	64.4674	134.201	514.021
	.999	21.3732	21.4355	21.6151	22.2431	23.0738	23.9823	24.9168	25.8610	27.7636	29.6796	39.3873	69.0176	138.777	518.604
	.010	6.35848	6.35930	6.36176	6.37162	6.38813	6.41139	6.44157	6.47888	6.57606	6.70606	8.15100	32.3999	101.708	481.457
	.050	7.17644	7.17757	7.18095	7.19452	7.21732	7.24959	7.29172	7.34424	7.48345	7.67568	10.5743	37.7089	107.144	486.908
	.150	7.98432	7.98597	7.99096	8.01103	8.04494	8.09338	8.15745	8.23867	8.46198	8.79271	14.2082	42.4787	111.999	491.775
	.300	8.78627	8.78891	8.79684	8.82891	8.88369	8.96330	9.07113	9.21222	9.62688	10.3061	17.7421	46.5083	116.085	495.870
8.	.500	9.89171	9.89695	9.91276	9.97724	10.0893	10.2563	10.4888	10.7998	11.7004	12.9672	21.5676	50.6461	120.271	500.065
	.700	11.6558	11.6670	11.7005	11.8362	12.0681	12.4023	12.8431	13.3892	14.7551	16.3692	25.5087	54.7925	124.457	504.260
	.900	15.4782	15.4998	15.5647	15.8219	16.2418	16.8082	17.4957	18.2742	19.9945	21.8170	31.3149	60.7910	130.502	510.316
	.950	17.6678	17.6948	17.7754	18.0913	18.5945	19.2515	20.0214	20.8658	22.6697	24.5376	34.1316	63.6731	133.403	513.222
	.990	22.1544	22.1916	22.3018	22.7226	23.3604	24.1454	25.0167	25.9332	27.8220	29.7377	39.4503	69.0849	138.846	518.673
	.999	27.5515	27.6002	27.7431	28.2696	29.0220	29.8966	30.8272	31.7812	33.7132	35.6565	45.4493	75.1579	144.947	524.784
	.010	6.45429	6.45484	6.45649	6.46309	6.47412	6.48964	6.50973	6.53447	6.59846	6.68299	7.52271	27.9172	97.0711	476.805
	.050	7.31004	7.31082	7.31315	7.32251	7.33819	7.36032	7.38910	7.42479	7.51828	7.64468	9.20064	34.5028	103.864	483.619
	.150	8.18679	8.18800	8.19164	8.20629	8.23095	8.26605	8.31217	8.37016	8.52670	8.75031	12.6152	40.4457	109.931	489.702
	.300	9.12500	9.12714	9.13359	9.15963	9.20394	9.26799	9.35401	9.46528	9.78374	10.2840	16.8234	45.4759	115.039	494.822
10.	.500	10.6269	10.6320	10.6471	10.7084	10.8137	10.9675	11.1760	11.4464	12.2020	13.2718	21.5683	50.6461	120.271	500.065
	.700	13.1801	13.1902	13.2204	13.3422	13.5476	13.8400	14.2222	14.6953	15.9032	17.4018	26.5047	55.8299	125.503	505.308
	.900	18.3426	18.3610	18.4160	18.6348	18.9944	19.4858	20.0952	20.8042	22.4373	24.2358	33.7960	63.3320	133.060	512.879
	.950	21.2125	21.2351	21.3025	21.5688	21.9996	22.5756	23.2713	24.0588	25.8076	27.6714	37.3341	66.9372	136.687	516.511
	.990	27.0045	27.0351	27.1262	27.4795	28.0321	28.7392	29.5543	30.4383	32.3104	34.2369	44.0126	73.7072	143.491	523.326
	.999	33.8891	33.9288	34.0463	34.4913	35.1578	35.9699	36.8661	37.8063	39.7400	41.6962	51.5409	81.3046	151.118	530.964

u = 1		h = 10.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	7.73049	7.74290	7.78004	7.92727	8.16808	8.49623	8.90408	9.38333	10.5230	11.8544	20.0579	48.6739	118.094	497.775
	.050	8.40971	8.42213	8.45929	8.60660	8.84751	9.17581	9.58382	10.0632	11.2032	12.5348	20.7390	49.3553	118.775	498.456
	.150	9.01630	9.02872	9.06590	9.21326	9.45427	9.78267	10.1908	10.6703	11.8105	13.1424	21.3471	49.9637	119.384	499.065
	.300	9.52691	9.53934	9.57653	9.72393	9.96500	10.2935	10.7017	11.1813	12.3217	13.6537	21.8589	50.4757	119.896	499.577
1.	.500	10.0500	10.0624	10.0996	10.2470	10.4882	10.8167	11.2250	11.7048	12.8453	14.1775	22.3830	51.0000	120.420	500.101
	.700	10.5731	10.5855	10.6227	10.7702	11.0114	11.3400	11.7484	12.2282	13.3689	14.7012	22.9072	51.5244	120.944	500.625
	.900	11.3286	11.3410	11.3782	11.5257	11.7670	12.0957	12.5042	12.9841	14.1250	15.4575	23.6640	52.2814	121.702	501.383
	.950	11.6911	11.7036	11.7408	11.8883	12.1296	12.4584	12.8669	13.3468	14.4878	15.8204	24.0271	52.6447	122.065	501.746
	.990	12.3713	12.3837	12.4210	12.5685	12.8099	13.1387	13.5473	14.0273	15.1685	16.5012	24.7083	53.3261	122.746	502.427
	.999	13.1338	13.1462	13.1835	13.3311	13.5725	13.9014	14.3100	14.7902	15.9314	17.2643	25.4719	54.0899	123.510	503.191
	.010	7.84145	7.84850	7.86968	7.95457	8.09673	8.29702	8.55633	8.87528	9.69092	10.7308	18.1625	46.4210	115.780	495.449
	.050	8.52813	8.53607	8.55988	8.65533	8.81505	9.03971	9.32972	9.68479	10.5828	11.7065	19.3866	47.7614	117.139	496.812
	.150	9.14251	9.15143	9.17818	9.28534	9.46437	9.71543	10.0380	10.4301	11.4076	12.6062	20.4893	48.9589	118.353	498.028
	.300	9.66074	9.67067	9.70047	9.81972	10.0184	10.2959	10.6499	11.0766	12.1240	13.3839	21.4240	49.9672	119.374	499.052
2.	.500	10.1928	10.2041	10.2377	10.3722	10.5952	10.9043	11.2947	11.7595	12.8791	14.1991	22.3870	51.0003	120.420	500.101
	.700	10.7267	10.7396	10.7781	10.9315	11.1840	11.5299	11.9603	12.4650	13.6559	15.0324	23.3553	52.0339	121.466	501.150
	.900	11.5016	11.5178	11.5660	11.7560	12.0623	12.4702	12.9630	13.5257	14.8141	16.2647	24.7619	53.5271	122.977	502.664
	.950	11.8758	11.8941	11.9485	12.1613	12.4988	12.9395	13.4628	14.0524	15.3844	16.8674	25.4401	54.2438	123.701	503.390
	.990	12.5837	12.6075	12.6779	12.9455	13.3499	13.8543	14.4332	15.0704	16.4777	18.0158	26.7175	55.5889	125.061	504.753
	.999	13.3913	13.4253	13.5237	13.8744	14.3615	14.9348	15.5705	16.2550	17.7362	19.3281	28.1566	57.0973	126.585	506.281
	.010	7.94777	7.95188	7.96425	8.01397	8.09772	8.21684	8.37327	8.56954	9.09440	9.81917	16.2918	44.1596	113.464	493.123
	.050	8.65205	8.65699	8.67185	8.73168	8.83275	8.97712	9.16768	9.40803	10.0541	10.9387	18.0229	46.1598	115.501	495.167
	.150	9.28749	9.29348	9.31149	9.38411	9.50721	9.68385	9.91806	10.2143	11.0056	12.0545	19.6109	47.9483	117.321	496.992
	.300	9.82934	9.83657	9.85831	9.94614	10.0955	10.3106	10.5962	10.9559	11.8944	13.0807	20.9728	49.4553	118.852	498.528
3.	.500	10.3942	10.4032	10.4304	10.5407	10.7287	10.9995	11.3564	11.7975	12.8947	14.2069	22.3879	51.0003	120.420	500.101
	.700	10.9741	10.9859	11.0215	11.1656	11.4110	11.7603	12.2075	12.7373	13.9803	15.3988	23.8204	52.5468	121.988	501.674
	.900	11.8578	11.8768	11.9341	12.1640	12.5417	13.0399	13.6219	14.2630	15.6748	17.2145	25.9144	54.7821	124.253	503.945
	.950	12.3147	12.3397	12.4145	12.7094	13.1691	13.7372	14.3721	15.0553	16.5318	18.1184	26.9283	55.8556	125.340	505.035
	.990	13.2740	13.3176	13.4447	13.8975	14.4989	15.1675	15.8795	16.6260	18.2011	19.8600	28.8438	57.8708	127.379	507.079
	.999	14.5808	14.6554	14.8580	15.4672	16.1721	16.9168	17.6913	18.4905	20.1489	21.8699	31.0088	60.1317	129.664	509.370
	.010	8.03903	8.04166	8.04957	8.08133	8.13479	8.21072	8.31032	8.43518	8.76979	9.23949	14.5243	41.9010	111.148	490.797
	.050	8.76392	8.76721	8.77708	8.81685	8.88404	8.98008	9.10711	9.26807	9.70853	10.3447	16.6919	44.5584	113.863	493.523
	.150	9.42647	9.43065	9.44322	9.49398	9.58023	9.70462	9.87108	10.0850	10.6834	11.5518	18.7378	46.9371	116.288	495.956
	.300	10.0020	10.0074	10.0234	10.0886	10.2001	10.3627	10.5832	10.8703	11.6749	12.7767	20.5196	48.9429	118.330	498.004
4.	.500	10.6195	10.6267	10.6486	10.7376	10.8917	11.1195	11.4319	11.8368	12.9034	14.2102	22.3883	51.0004	120.420	500.101
	.700	11.2856	11.2961	11.3281	11.4594	11.6890	12.0292	12.4829	13.0335	14.3261	15.7831	24.2919	53.0608	122.511	502.198
	.900	12.4222	12.4435	12.5076	12.7682	13.2010	13.7686	14.4189	15.1198	16.6250	18.2320	27.0883	56.0403	125.530	505.226
	.950	13.0986	13.1290	13.2198	13.5748	14.1164	14.7683	15.4787	16.2263	17.8031	19.4626	28.4461	57.4717	126.979	506.679
	.990	14.6650	14.7163	14.8650	15.3869	16.0754	16.8308	17.6189	18.4302	20.1075	21.8424	31.0154	60.1594	129.697	509.405
	.999	16.7820	16.8574	17.0664	17.7279	18.5159	19.3410	20.1851	21.0440	22.7987	24.5929	33.9232	63.1757	132.744	512.460

u = 1		h = 10.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	8.11720	8.11902	8.12447	8.14637	8.18315	8.23526	8.30334	8.38830	8.61387	8.92615	12.9216	39.6482	108.831	488.472
	.050	8.86290	8.86524	8.87224	8.90041	8.94791	9.01561	9.10482	9.21737	9.52321	9.96452	15.4140	42.9591	112.225	491.878
	.150	9.55476	9.55784	9.56709	9.60442	9.66775	9.75891	9.88066	10.0370	10.4773	11.1461	17.8776	45.9263	115.256	494.920
	.300	10.1699	10.1740	10.1864	10.2367	10.3228	10.4485	10.6195	10.8444	11.5010	12.4872	20.0676	48.4303	117.807	497.479
5.	.500	10.8559	10.8619	10.8801	10.9543	11.0835	11.2762	11.5452	11.9052	12.9159	14.2123	22.3884	51.0004	120.420	500.101
	.700	11.6511	11.6609	11.6908	11.8138	12.0313	12.3591	12.8067	13.3628	14.6889	16.1797	24.7672	53.5753	123.034	502.722
	.900	13.2211	13.2440	13.3128	13.5890	14.0408	14.6333	15.3179	16.0575	17.6323	19.2921	28.2754	57.3003	126.807	506.508
	.950	14.2298	14.2614	14.3554	14.7191	15.2760	15.9586	16.7104	17.5004	19.1494	20.8633	29.9820	59.0903	128.619	508.324
	.990	16.4848	16.5332	16.6744	17.1854	17.8908	18.6853	19.5177	20.3703	22.1159	23.9031	33.2140	62.4521	132.016	511.731
	.999	19.3982	19.4657	19.6576	20.3016	21.1127	21.9775	22.8615	23.7563	25.5708	27.4121	36.8734	66.2256	135.825	515.549
	.010	8.18519	8.18652	8.19050	8.20649	8.23332	8.27122	8.32059	8.38194	8.54338	8.76342	11.5692	37.4035	106.515	486.146
	.050	8.95110	8.95284	8.95807	8.97908	9.01445	9.06471	9.13065	9.21340	9.43580	9.75089	14.2087	41.3626	110.587	490.234
	.150	9.67306	9.67543	9.68256	9.71130	9.75996	9.82976	9.92255	10.0410	10.3715	10.8722	17.0348	44.9162	114.224	493.884
	.300	10.3319	10.3352	10.3452	10.3857	10.4549	10.5556	10.6924	10.8717	11.3993	12.2386	19.6180	47.9178	117.285	496.955
6.	.500	11.1020	11.1073	11.1231	11.1877	11.3001	11.4680	11.7033	12.0216	12.9531	14.2184	22.3885	51.0004	120.420	500.101
	.700	12.0780	12.0877	12.1168	12.2368	12.4482	12.7655	13.1989	13.7428	15.0721	16.5865	25.2452	54.0901	123.556	503.247
	.900	14.2291	14.2518	14.3198	14.5903	15.0307	15.6149	16.3040	17.0603	18.6816	20.3830	29.4722	58.5616	128.085	507.789
	.950	15.5876	15.6175	15.7065	16.0526	16.5918	17.2706	18.0355	18.8485	20.5478	22.3035	31.5311	60.7108	130.258	509.968
	.990	18.5252	18.5691	18.6981	19.1765	19.8644	20.6657	21.5194	22.3975	24.1905	26.0158	35.4316	64.7478	134.336	514.056
	.999	22.2248	22.2845	22.4569	23.0606	23.8615	24.7400	25.6460	26.5636	28.4180	30.2917	39.8481	69.2799	138.907	518.639
	.010	8.29919	8.29999	8.30239	8.31202	8.32813	8.35084	8.38028	8.41665	8.51127	8.63754	10.0057	32.9463	101.885	481.494
	.050	9.10315	9.10424	9.10750	9.12059	9.14255	9.17362	9.21414	9.26457	9.39782	9.58072	12.1493	38.1810	107.312	486.945
	.150	9.88611	9.88768	9.89238	9.91131	9.94323	9.98875	10.0488	10.1246	10.3313	10.6323	15.4187	42.8993	112.159	491.811
	.300	10.6435	10.6459	10.6531	10.6823	10.7319	10.8036	10.9002	11.0254	11.3867	11.9643	18.7290	46.8933	116.240	495.907
8.	.500	11.6367	11.6412	11.6547	11.7096	11.8049	11.9461	12.1421	12.4047	13.1780	14.3030	22.3886	51.0004	120.420	500.101
	.700	13.1572	13.1669	13.1959	13.3138	13.5164	13.8110	14.2035	14.6950	15.9434	17.4445	26.2079	55.1206	124.601	504.295
	.900	16.6243	16.6444	16.7045	16.9434	17.3347	17.8647	18.5114	19.2474	20.8858	22.6353	31.8881	61.0872	130.640	510.351
	.950	18.6783	18.7038	18.7798	19.0782	19.5549	20.1794	20.9141	21.7229	23.4596	25.2682	34.6587	63.9562	133.538	513.257
	.990	22.9668	23.0027	23.1089	23.5147	24.1308	24.8908	25.7362	26.6275	28.4695	30.3438	39.9077	69.3462	138.975	518.708
	.999	28.2083	28.2559	28.3954	28.9096	29.6453	30.5016	31.4139	32.3504	34.2497	36.1639	45.8473	75.3983	145.071	524.818
	.010	8.39288	8.39342	8.39503	8.40149	8.41230	8.42748	8.44713	8.47133	8.53385	8.61634	9.42675	28.5501	97.2560	476.842
	.050	9.23208	9.23283	9.23508	9.24411	9.25924	9.28058	9.30832	9.34267	9.43249	9.55349	10.9834	35.0185	104.037	483.656
	.150	10.0768	10.0780	10.0814	10.0952	10.1183	10.1512	10.1943	10.2484	10.3935	10.5985	13.9710	40.8875	110.095	489.739
	.300	10.9493	10.9512	10.9570	10.9802	11.0197	11.0766	11.1527	11.2504	11.5264	11.9527	17.8624	45.8697	115.195	494.858
10.	.500	12.2604	12.2646	12.2774	12.3294	12.4188	12.5496	12.7278	12.9606	13.6220	14.5803	22.3893	51.0004	120.420	500.101
	.700	14.5070	14.5160	14.5433	14.6533	14.8394	15.1052	15.4543	15.8890	17.0090	18.4153	27.1778	56.1518	125.647	505.344
	.900	19.3120	19.3295	19.3816	19.5893	19.9310	20.3992	20.9814	21.6607	23.2325	24.9730	34.3270	63.6162	133.196	512.914
	.950	22.0552	22.0769	22.1417	22.3977	22.8124	23.3678	24.0401	24.8028	26.5017	28.3194	37.8157	67.2063	136.819	516.546
	.990	27.6706	27.7004	27.7893	28.1341	28.6738	29.3651	30.1630	31.0295	32.8675	34.7627	44.4221	73.9519	143.616	523.360
	.999	34.4219	34.4610	34.5767	35.0147	35.6713	36.4718	37.3558	38.2838	40.1943	42.1292	51.8912	81.5266	151.237	530.997

u = 1		h = 20.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	17.7002	17.7065	17.7252	17.7998	17.9237	18.0958	18.3149	18.5796	19.2389	20.0579	25.9764	51.5348	119.333	498.074
	.050	18.3812	18.3875	18.4062	18.4808	18.6047	18.7768	18.9959	19.2607	19.9199	20.7390	26.6576	52.2162	120.015	498.756
	.150	18.9892	18.9955	19.0142	19.0889	19.2127	19.3848	19.6040	19.8687	20.5280	21.3471	27.2658	52.8246	120.623	499.364
	.300	19.5009	19.5072	19.5259	19.6006	19.7244	19.8965	20.1157	20.3805	21.0398	21.8589	27.7777	53.3366	121.135	499.876
1.	.500	20.0250	20.0312	20.0499	20.1246	20.2485	20.4206	20.6398	20.9046	21.5639	22.3830	28.3019	53.8609	121.659	500.401
	.700	20.5491	20.5553	20.5740	20.6487	20.7726	20.9447	21.1639	21.4287	22.0880	22.9072	28.8262	54.3853	122.184	500.925
	.900	21.3058	21.3120	21.3307	21.4054	21.5293	21.7014	21.9206	22.1854	22.8448	23.6640	29.5831	55.1424	122.941	501.682
	.950	21.6689	21.6751	21.6938	21.7685	21.8924	22.0645	22.2837	22.5485	23.2079	24.0271	29.9463	55.5056	123.304	502.046
	.990	22.3500	22.3562	22.3750	22.4496	22.5735	22.7456	22.9649	23.2297	23.8890	24.7083	30.6276	56.1871	123.986	502.727
	.999	23.1135	23.1197	23.1384	23.2131	23.3370	23.5091	23.7284	23.9932	24.6526	25.4719	31.3913	56.9509	124.750	503.491
	.010	17.7640	17.7685	17.7822	17.8368	17.9279	18.0554	18.2195	18.4200	18.9298	19.5824	24.7299	49.4733	117.056	495.751
	.050	18.4476	18.4525	18.4672	18.5261	18.6243	18.7616	18.9381	19.1534	19.6990	20.3938	25.7602	50.7555	118.404	497.113
	.150	19.0582	19.0635	19.0793	19.1426	19.2480	19.3954	19.5843	19.8145	20.3955	21.1309	26.6937	51.9027	119.608	498.329
	.300	19.5722	19.5779	19.5948	19.6623	19.7747	19.9315	20.1323	20.3763	20.9897	21.7612	27.4891	52.8699	120.621	499.353
2.	.500	20.0990	20.1050	20.1232	20.1957	20.3161	20.4838	20.6981	20.9576	21.6067	22.4169	28.3126	53.8620	121.659	500.401
	.700	20.6260	20.6325	20.6521	20.7303	20.8599	21.0399	21.2692	21.5458	22.2331	23.0836	29.1450	54.8556	122.698	501.449
	.900	21.3875	21.3949	21.4170	21.5049	21.6502	21.8510	22.1049	22.4091	23.1558	24.0665	30.3617	56.2929	124.197	502.962
	.950	21.7532	21.7611	21.7846	21.8781	22.0322	22.2443	22.5114	22.8300	23.6068	24.5471	30.9515	56.9835	124.916	503.689
	.990	22.4399	22.4488	22.4755	22.5814	22.7546	22.9908	23.2852	23.6328	24.4684	25.4645	32.0682	58.2809	126.266	505.051
	.999	23.2108	23.2213	23.2527	23.3763	23.5759	23.8440	24.1729	24.5557	25.4596	26.5180	33.3347	59.7376	127.779	506.578
	.010	17.8388	17.8419	17.8513	17.8888	17.9515	18.0399	18.1546	18.2962	18.6639	19.1502	23.4721	47.3807	114.769	493.427
	.050	18.5311	18.5347	18.5454	18.5885	18.6606	18.7623	18.8943	19.0575	19.4810	20.0398	24.8148	49.2674	116.787	495.470
	.150	19.1512	19.1554	19.1677	19.2173	19.3003	19.4174	19.5694	19.7572	20.2435	20.8803	26.0690	50.9606	118.589	497.294
	.300	19.6752	19.6799	19.6940	19.7506	19.8454	19.9791	20.1525	20.3663	20.9169	21.6289	27.1626	52.3915	120.106	498.829
3.	.500	20.2145	20.2199	20.2364	20.3023	20.4127	20.5682	20.7692	21.0159	21.6438	22.4402	28.3162	53.8622	121.659	500.401
	.700	20.7573	20.7638	20.7834	20.8619	20.9929	21.1767	21.4127	21.6996	22.4156	23.3003	29.5013	55.3379	123.214	501.973
	.900	21.5506	21.5595	21.5859	21.6914	21.8659	22.1065	22.4083	22.7651	23.6195	24.6307	31.2630	57.4766	125.459	504.243
	.950	21.9373	21.9477	21.9790	22.1034	22.3068	22.5827	22.9219	23.3152	24.2366	25.3057	32.1276	58.5060	126.536	505.332
	.990	22.6795	22.6947	22.7400	22.9162	23.1921	23.5462	23.9598	24.4214	25.4622	26.6327	33.7800	60.4420	128.558	507.375
	.999	23.5576	23.5830	23.6572	23.9271	24.3066	24.7517	25.2438	25.7749	26.9360	28.2074	35.6748	62.6194	130.825	509.665
	.010	17.9111	17.9133	17.9198	17.9459	17.9896	18.0513	18.1316	18.2311	18.4914	18.8414	22.3224	45.2951	112.482	491.103
	.050	18.6160	18.6186	18.6264	18.6577	18.7102	18.7846	18.8816	19.0022	19.3201	19.7510	23.9024	47.7786	115.169	493.826
	.150	19.2515	19.2546	19.2641	19.3019	19.3656	19.4561	19.5744	19.7222	20.1139	20.6467	25.4437	50.0154	117.568	496.258
	.300	19.7929	19.7967	19.8081	19.8538	19.9308	20.0403	20.1843	20.3646	20.8432	21.4882	26.8274	51.9106	119.589	498.305
4.	.500	20.3568	20.3615	20.3757	20.4329	20.5296	20.6675	20.8491	21.0767	21.6745	22.4551	28.3177	53.8623	121.659	500.401
	.700	20.9351	20.9413	20.9598	21.0345	21.1610	21.3417	21.5786	21.8722	22.6169	23.5381	29.8734	55.8239	123.731	502.497
	.900	21.8152	21.8251	21.8551	21.9759	22.1789	22.4621	22.8174	23.2316	24.1945	25.2982	32.2190	58.6716	126.723	505.523
	.950	22.2703	22.2835	22.3231	22.4816	22.7427	23.0934	23.5127	23.9827	25.0376	26.2175	33.3806	60.0440	128.159	506.975
	.990	23.2320	23.2558	23.3266	23.5960	23.9947	24.4697	24.9913	25.5484	26.7515	28.0556	35.6136	62.6275	130.854	509.699
	.999	24.5791	24.6228	24.7471	25.1643	25.6931	26.2696	26.8773	27.5115	28.8492	30.2669	38.1886	65.5363	133.876	512.753

u = 1 h = 20.0

v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	17.9771	17.9787	17.9834	18.0023	18.0339	18.0785	18.1364	18.2082	18.3960	18.6487	21.3335	43.2272	110.195	488.778
	.050	18.6963	18.6983	18.7041	18.7274	18.7665	18.8220	18.8943	18.9844	19.2225	19.5483	23.0528	46.2958	113.550	492.183
	.150	19.3504	19.3529	19.3601	19.3894	19.4388	19.5089	19.6009	19.7164	20.0259	20.4575	24.8340	49.0712	116.548	495.223
	.300	19.9147	19.9178	19.9269	19.9638	20.0262	20.1153	20.2332	20.3823	20.7871	21.3564	26.4919	51.4292	119.073	497.781
5.	.500	20.5137	20.5178	20.5299	20.5790	20.6625	20.7828	20.9433	21.1481	21.7060	22.4662	28.3185	53.8624	121.659	500.401
	.700	21.1486	21.1543	21.1716	21.2415	21.3612	21.5351	21.7682	22.0639	22.8338	23.7916	30.2549	56.3117	124.248	503.021
	.900	22.1930	22.2040	22.2372	22.3720	22.6013	22.9244	23.3291	23.7954	24.8543	26.0385	33.2090	59.8731	127.987	506.804
	.950	22.7957	22.8116	22.8594	23.0508	23.3645	23.7792	24.2644	24.7969	25.9619	27.2334	34.6816	61.5910	129.783	508.619
	.990	24.2199	24.2495	24.3367	24.6623	25.1328	25.6846	26.2813	26.9083	28.2341	29.6408	37.5224	64.8276	133.152	512.024
	.999	26.2696	26.3168	26.4520	26.9154	27.5163	28.1727	28.8572	29.5623	31.0247	32.5476	40.8069	68.4745	136.930	515.840
	.010	18.0366	18.0378	18.0413	18.0555	18.0792	18.1127	18.1561	18.2098	18.3497	18.5371	20.5434	41.1832	107.910	486.454
	.050	18.7707	18.7721	18.7766	18.7945	18.8246	18.8671	18.9225	18.9914	19.1732	19.4214	22.2849	44.8220	111.932	490.540
	.150	19.4451	19.4470	19.4528	19.4759	19.5150	19.5704	19.6432	19.7346	19.9796	20.3241	24.2474	48.1294	115.528	494.187
	.300	20.0358	20.0384	20.0459	20.0762	20.1274	20.2008	20.2979	20.4212	20.7596	21.2489	26.1594	50.9479	118.556	497.257
6.	.500	20.6789	20.6824	20.6930	20.7357	20.8084	20.9137	21.0552	21.2378	21.7492	22.4791	28.3189	53.8624	121.659	500.401
	.700	21.3926	21.3980	21.4143	21.4805	21.5946	21.7620	21.9898	22.2840	23.0695	24.0591	30.6430	56.8009	124.765	503.545
	.900	22.7027	22.7149	22.7514	22.8998	23.1513	23.5036	23.9420	24.4455	25.5809	26.8344	34.2246	61.0791	129.253	508.084
	.950	23.5452	23.5631	23.6167	23.8291	24.1723	24.6224	25.1486	25.7257	26.9784	28.3267	36.0182	63.1448	131.407	510.262
	.990	25.5576	25.5880	25.6777	26.0154	26.5125	27.1062	27.7532	28.4319	29.8530	31.3414	39.4857	67.0386	135.451	514.348
	.999	28.3436	28.3893	28.5216	28.9901	29.6221	30.3269	31.0644	31.8209	33.3759	34.9781	43.4986	71.4286	139.987	518.928
	.010	18.1393	18.1400	18.1422	18.1510	18.1657	18.1864	18.2131	18.2461	18.3314	18.4445	19.5804	37.1887	103.342	481.805
	.050	18.9026	18.9035	18.9064	18.9179	18.9371	18.9642	18.9995	19.0432	19.1575	19.3116	21.0809	41.9087	108.698	487.253
	.150	19.6197	19.6210	19.6248	19.6404	19.6666	19.7038	19.7524	19.8132	19.9750	20.2001	23.1642	46.2557	113.487	492.116
	.300	20.2710	20.2728	20.2783	20.3000	20.3368	20.3894	20.4589	20.5469	20.7884	21.1412	25.5088	49.9869	117.523	496.209
8.	.500	21.0274	21.0302	21.0387	21.0731	21.1316	21.2166	21.3312	21.4800	21.9056	22.5486	28.3193	53.8624	121.659	500.401
	.700	21.9801	21.9853	22.0010	22.0647	22.1748	22.3369	22.5583	22.8460	23.6282	24.6437	31.4352	57.7818	125.800	504.593
	.900	24.1479	24.1611	24.2008	24.3597	24.6240	24.9893	25.4454	25.9768	27.2000	28.5569	36.3150	63.5022	131.785	510.645
	.950	25.5924	25.6105	25.6647	25.8786	26.2248	26.6858	27.2383	27.8579	29.2233	30.6878	38.7733	66.2680	134.659	513.550
	.990	28.8615	28.8896	28.9732	29.2940	29.7859	30.4000	31.0918	31.8299	33.3805	34.9885	43.5328	71.4859	140.053	518.997
	.999	33.1802	33.2203	33.3382	33.7743	34.4029	35.1404	35.9326	36.7518	38.4306	40.1429	49.0381	77.3725	146.104	525.104
	.010	18.2254	18.2259	18.2274	18.2333	18.2433	18.2573	18.2754	18.2977	18.3551	18.4305	19.1463	33.3606	98.7828	477.157
	.050	19.0164	19.0171	19.0191	19.0271	19.0405	19.0594	19.0838	19.1141	19.1926	19.2973	20.4063	39.0525	105.467	483.966
	.150	19.7773	19.7782	19.7811	19.7924	19.8114	19.8383	19.8735	19.9171	20.0325	20.1907	22.2661	44.3981	111.448	490.045
	.300	20.4976	20.4990	20.5032	20.5201	20.5485	20.5891	20.6427	20.7102	20.8938	21.1586	24.8877	49.0288	116.489	495.161
10.	.500	21.4049	21.4074	21.4149	21.4450	21.4964	21.5708	21.6709	21.8005	22.1697	22.7296	28.3201	53.8624	121.659	500.401
	.700	22.7392	22.7445	22.7607	22.8262	22.9382	23.1008	23.3190	23.5973	24.3442	25.3311	32.2448	58.7657	126.836	505.641
	.900	26.0224	26.0351	26.0732	26.2256	26.4782	26.8280	27.2685	27.7899	29.0240	30.4296	38.4682	65.9372	134.318	513.206
	.950	28.1119	28.1287	28.1791	28.3787	28.7043	29.1442	29.6825	30.3001	31.7005	33.2312	41.6127	69.4082	137.912	516.837
	.990	32.6980	32.7231	32.7980	33.0892	33.5472	34.1378	34.8244	35.5756	37.1866	38.8695	47.6981	75.9598	144.659	523.647
	.999	38.5770	38.6118	38.7147	39.1054	39.6929	40.4124	41.2107	42.0526	43.7971	45.5778	54.7234	83.3534	152.228	531.280

u = 1		h = 50.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	47.6839	47.6864	47.6939	47.7239	47.7738	47.8436	47.9332	48.0425	48.3197	48.6739	51.5348	68.3915	127.678	500.168
	.050	48.3653	48.3678	48.3753	48.4053	48.4552	48.5250	48.6146	48.7240	49.0011	49.3553	52.2162	69.0730	128.359	500.850
	.150	48.9737	48.9762	48.9837	49.0136	49.0636	49.1334	49.2230	49.3323	49.6095	49.9637	52.8246	69.6814	128.967	501.458
	.300	49.4857	49.4882	49.4956	49.5256	49.5756	49.6454	49.7350	49.8443	50.1215	50.4757	53.3366	70.1934	129.479	501.970
1.	.500	50.0100	50.0125	50.0200	50.0500	50.0999	50.1697	50.2593	50.3686	50.6458	51.0000	53.8609	70.7177	130.004	502.495
	.700	50.5343	50.5368	50.5443	50.5743	50.6242	50.6941	50.7837	50.8930	51.1702	51.5244	54.3853	71.2421	130.528	503.019
	.900	51.2914	51.2939	51.3014	51.3314	51.3813	51.4511	51.5408	51.6501	51.9273	52.2814	55.1424	71.9992	131.285	503.776
	.950	51.6547	51.6572	51.6647	51.6947	51.7446	51.8144	51.9040	52.0133	52.2905	52.6447	55.5056	72.3625	131.649	504.140
	.990	52.3361	52.3386	52.3461	52.3761	52.4260	52.4958	52.5855	52.6948	52.9720	53.3261	56.1871	73.0440	132.330	504.821
	.999	53.0999	53.1024	53.1099	53.1399	53.1898	53.2596	53.3493	53.4586	53.7358	54.0899	56.9509	73.8078	133.094	505.585
	.010	47.7119	47.7141	47.7207	47.7469	47.7905	47.8517	47.9302	48.0261	48.2699	48.5825	51.1492	67.0796	125.624	497.860
	.050	48.3939	48.3961	48.4029	48.4301	48.4754	48.5387	48.6201	48.7195	48.9719	49.2954	51.9414	68.1393	126.906	499.217
	.150	49.0027	49.0051	49.0121	49.0402	49.0870	49.1525	49.2366	49.3392	49.5999	49.9337	52.6536	69.0905	128.051	500.430
	.300	49.5151	49.5175	49.5248	49.5537	49.6019	49.6693	49.7558	49.8614	50.1294	50.4723	53.2566	69.8948	129.016	501.450
2.	.500	50.0399	50.0424	50.0499	50.0797	50.1294	50.1988	50.2880	50.3968	50.6727	51.0254	53.8779	70.7220	130.004	502.495
	.700	50.5648	50.5673	50.5750	50.6058	50.6570	50.7287	50.8207	50.9328	51.2171	51.5800	54.5031	71.5527	130.994	503.540
	.900	51.3226	51.3253	51.3333	51.3656	51.4193	51.4944	51.5907	51.7080	52.0052	52.3839	55.4128	72.7582	132.423	505.048
	.950	51.6862	51.6889	51.6972	51.7302	51.7852	51.8620	51.9606	52.0806	52.3843	52.7711	55.8523	73.3392	133.109	505.772
	.990	52.3683	52.3712	52.3799	52.4144	52.4720	52.5523	52.6553	52.7806	53.0974	53.4999	56.6824	74.4333	134.398	507.130
	.999	53.1330	53.1361	53.1452	53.1817	53.2423	53.3270	53.4354	53.5672	53.8998	54.3212	57.6217	75.6663	135.843	508.652
	.010	47.7515	47.7533	47.7587	47.7802	47.8162	47.8666	47.9314	48.0109	48.2136	48.4756	50.6936	65.6520	123.523	495.547
	.050	48.4358	48.4378	48.4436	48.4670	48.5059	48.5605	48.6307	48.7167	48.9360	49.2190	51.5980	67.1102	125.417	497.582
	.150	49.0471	49.0492	49.0555	49.0807	49.1228	49.1817	49.2575	49.3502	49.5865	49.8909	52.4271	68.4316	127.111	499.399
	.300	49.5618	49.5640	49.5708	49.5978	49.6429	49.7060	49.7871	49.8863	50.1389	50.4636	53.1421	69.5576	128.539	500.929
3.	.500	50.0892	50.0916	50.0989	50.1280	50.1766	50.2447	50.3321	50.4388	50.7102	51.0580	53.8916	70.7234	130.004	502.495
	.700	50.6169	50.6195	50.6274	50.6591	50.7118	50.7855	50.8801	50.9956	51.2882	51.6618	54.6596	71.9017	131.472	504.061
	.900	51.3796	51.3826	51.3916	51.4276	51.4876	51.5713	51.6784	51.8087	52.1372	52.5532	55.8025	73.6242	133.594	506.323
	.950	51.7459	51.7491	51.7588	51.7974	51.8615	51.9509	52.0651	52.2037	52.5518	52.9904	56.3656	74.4593	134.613	507.408
	.990	52.4339	52.4376	52.4488	52.4931	52.5667	52.6688	52.7986	52.9553	53.3450	53.8298	57.4484	76.0403	136.529	509.443
	.999	53.2068	53.2113	53.2246	53.2777	53.3652	53.4856	53.6374	53.8186	54.2625	54.8050	58.7038	77.8339	138.680	511.725
	.010	47.7963	47.7977	47.8020	47.8193	47.8480	47.8883	47.9403	48.0041	48.1678	48.3808	50.2499	64.2180	121.414	493.233
	.050	48.4854	48.4870	48.4919	48.5113	48.5437	48.5892	48.6478	48.7198	48.9046	49.1450	51.2428	66.0644	123.921	495.946
	.150	49.1018	49.1037	49.1091	49.1310	49.1675	49.2188	49.2849	49.3660	49.5742	49.8449	52.1795	67.7558	126.166	498.368
	.300	49.6217	49.6238	49.6299	49.6543	49.6952	49.7525	49.8264	49.9170	50.1494	50.4509	53.0090	69.2089	128.060	500.407
4.	.500	50.1556	50.1579	50.1649	50.1926	50.2390	50.3040	50.3878	50.4904	50.7530	51.0921	53.9007	70.7240	130.004	502.495
	.700	50.6913	50.6940	50.7020	50.7340	50.7874	50.8622	50.9585	51.0762	51.3758	51.7597	54.8371	72.2649	131.953	504.583
	.900	51.4694	51.4728	51.4830	51.5237	51.5913	51.6857	51.8065	51.9532	52.3211	52.7827	56.2705	74.5325	134.774	507.597
	.950	51.8454	51.8493	51.8610	51.9074	51.9844	52.0915	52.2277	52.3920	52.7996	53.3034	56.9928	75.6377	136.131	509.044
	.990	52.5581	52.5633	52.5788	52.6407	52.7422	52.8811	53.0546	53.2594	53.7520	54.3406	58.4077	77.7388	138.681	511.758
	.999	53.3751	53.3830	53.4063	53.4975	53.6427	53.8335	54.0618	54.3214	54.9185	55.6047	60.0845	80.1349	141.546	514.799

u = 1		h = 50.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	47.8422	47.8433	47.8467	47.8604	47.8832	47.9153	47.9567	48.0075	48.1383	48.3093	49.8551	62.8110	119.307	490.920
	.050	48.5380	48.5393	48.5433	48.5592	48.5858	48.6232	48.6715	48.7309	48.8840	49.0846	50.9043	65.0250	122.424	494.310
	.150	49.1622	49.1638	49.1684	49.1870	49.2181	49.2619	49.3184	49.3881	49.5679	49.8039	51.9294	67.0775	125.219	497.338
	.300	49.6906	49.6924	49.6978	49.7194	49.7556	49.8064	49.8723	49.9534	50.1628	50.4380	52.8675	68.8566	127.580	499.885
5.	.500	50.2358	50.2379	50.2443	50.2701	50.3132	50.3739	50.4524	50.5492	50.7990	51.1259	53.9065	70.7243	130.004	502.495
	.700	50.7867	50.7894	50.7973	50.8288	50.8817	50.9560	51.0522	51.1705	51.4743	51.8674	55.0280	72.6352	132.437	505.104
	.900	51.5985	51.6023	51.6136	51.6588	51.7341	51.8397	51.9753	52.1402	52.5532	53.0661	56.7934	75.4647	135.960	508.872
	.950	51.9989	52.0036	52.0174	52.0729	52.1650	52.2932	52.4562	52.6518	53.1295	53.7053	57.7007	76.8498	137.655	510.680
	.990	52.7836	52.7909	52.8129	52.8998	53.0413	53.2314	53.4623	53.7263	54.3328	55.0253	59.5037	79.4923	140.844	514.072
	.999	53.7615	53.7752	53.8157	53.9698	54.2006	54.4823	54.7970	55.1365	55.8773	56.6916	61.6733	82.5176	144.429	517.874
	.010	47.8868	47.8877	47.8905	47.9014	47.9197	47.9453	47.9785	48.0192	48.1241	48.2615	49.5247	61.4455	117.205	488.606
	.050	48.5907	48.5918	48.5950	48.6081	48.6299	48.6606	48.7004	48.7493	48.8756	49.0420	50.5977	64.0011	120.929	492.674
	.150	49.2248	49.2261	49.2300	49.2457	49.2721	49.3092	49.3572	49.4165	49.5701	49.7735	51.6867	66.4025	124.272	496.307
	.300	49.7645	49.7660	49.7708	49.7897	49.8213	49.8660	49.9239	49.9955	50.1817	50.4293	52.7230	68.5034	127.099	499.364
6.	.500	50.3258	50.3277	50.3336	50.3571	50.3966	50.4524	50.5248	50.6146	50.8488	51.1605	53.9104	70.7245	130.004	502.495
	.700	50.9003	50.9029	50.9105	50.9410	50.9924	51.0649	51.1594	51.2766	51.5817	51.9826	55.2287	73.0102	132.921	505.626
	.900	51.7712	51.7753	51.7875	51.8367	51.9191	52.0355	52.1861	52.3703	52.8319	53.3988	57.3579	76.4136	137.149	510.148
	.950	52.2195	52.2249	52.2410	52.3058	52.4141	52.5655	52.7582	52.9883	53.5404	54.1880	58.4700	78.0861	139.185	512.317
	.990	53.1636	53.1734	53.2030	53.3195	53.5066	53.7522	54.0414	54.3620	55.0720	55.8573	60.7035	81.2861	143.015	516.387
	.999	54.5029	54.5221	54.5784	54.7868	55.0861	55.4376	55.8194	56.2225	57.0812	58.0032	63.4175	84.9607	147.323	520.950
	.010	47.9694	47.9700	47.9718	47.9791	47.9913	48.0084	48.0305	48.0576	48.1275	48.2188	49.0600	58.8724	113.022	483.978
	.050	48.6913	48.6920	48.6943	48.7033	48.7185	48.7397	48.7673	48.8011	48.8887	49.0041	50.1105	62.0181	117.947	489.402
	.150	49.3489	49.3498	49.3527	49.3641	49.3832	49.4102	49.4451	49.4882	49.6004	49.7499	51.2486	65.0713	122.381	494.245
	.300	49.9176	49.9188	49.9224	49.9369	49.9612	49.9955	50.0401	50.0954	50.2405	50.4361	52.4371	67.7988	126.137	498.320
8.	.500	50.5239	50.5255	50.5304	50.5499	50.5826	50.6290	50.6897	50.7654	50.9664	51.2416	53.9150	70.7246	130.005	502.495
	.700	51.1719	51.1743	51.1813	51.2094	51.2570	51.3248	51.4142	51.5266	51.8274	52.2379	55.6528	73.7697	133.891	506.670
	.900	52.2632	52.2679	52.2821	52.3391	52.4357	52.5735	52.7537	52.9757	53.5303	54.1978	58.5844	78.3497	139.535	512.698
	.950	52.9162	52.9232	52.9442	53.0285	53.1695	53.3659	53.6135	53.9048	54.5851	55.3574	60.1522	80.6152	142.254	515.591
	.990	54.5173	54.5307	54.5707	54.7264	54.9715	55.2868	55.6526	56.0535	56.9251	57.8644	63.3434	84.9682	147.375	521.018
	.999	56.8997	56.9218	56.9870	57.2312	57.5902	58.0206	58.4924	58.9894	60.0331	61.1294	67.2610	89.9877	153.141	527.101
	.010	48.0424	48.0428	48.0441	48.0493	48.0579	48.0699	48.0855	48.1046	48.1537	48.2177	48.7980	56.5489	108.873	479.351
	.050	48.7831	48.7836	48.7853	48.7918	48.8028	48.8182	48.8381	48.8626	48.9258	49.0089	49.7970	60.1390	114.979	486.130
	.150	49.4668	49.4675	49.4697	49.4782	49.4926	49.5128	49.5391	49.5714	49.6555	49.7674	50.9064	63.7733	120.494	492.182
	.300	50.0704	50.0713	50.0742	50.0855	50.1046	50.1316	50.1667	50.2103	50.3246	50.4792	52.1704	67.0999	125.176	497.277
10.	.500	50.7364	50.7378	50.7419	50.7583	50.7860	50.8253	50.8768	50.9413	51.1135	51.3531	53.9180	70.7247	130.005	502.495
	.700	51.4963	51.4985	51.5051	51.5318	51.5768	51.6414	51.7270	51.8354	52.1302	52.5429	56.1009	74.5391	134.864	507.713
	.900	52.9944	52.9999	53.0162	53.0817	53.1923	53.3490	53.5522	53.8004	54.4160	55.1557	59.9162	80.3276	141.928	515.249
	.950	54.0168	54.0249	54.0491	54.1457	54.3055	54.5256	54.8009	55.1245	55.8842	56.7501	61.9894	83.2056	145.335	518.865
	.990	56.5133	56.5273	56.5690	56.7324	56.9923	57.3324	57.7348	58.1827	59.1679	60.2292	66.2387	88.7522	151.755	525.649
	.999	60.0951	60.1170	60.1817	60.4288	60.8042	61.2697	61.7930	62.3523	63.5328	64.7656	71.4722	95.1638	158.990	533.254

u = 1		h = 120.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	117.678	117.679	117.682	117.695	117.715	117.745	117.782	117.828	117.944	118.094	119.333	127.678	167.382	511.873
	.050	118.359	118.360	118.364	118.376	118.397	118.426	118.463	118.509	118.626	118.775	120.015	128.359	168.064	512.555
	.150	118.968	118.969	118.972	118.984	119.005	119.034	119.072	119.118	119.234	119.384	120.623	128.967	168.672	513.163
	.300	119.480	119.481	119.484	119.496	119.517	119.546	119.584	119.630	119.746	119.896	121.135	129.479	169.184	513.675
1.	.500	120.004	120.005	120.008	120.021	120.042	120.071	120.108	120.154	120.271	120.420	121.659	130.004	169.709	514.199
	.700	120.529	120.530	120.533	120.545	120.566	120.595	120.633	120.678	120.795	120.944	122.184	130.528	170.233	514.724
	.900	121.286	121.287	121.290	121.302	121.323	121.352	121.390	121.436	121.552	121.702	122.941	131.285	170.990	515.481
	.950	121.649	121.650	121.653	121.666	121.686	121.716	121.753	121.799	121.915	122.065	123.304	131.649	171.353	515.844
	.990	122.330	122.332	122.335	122.347	122.368	122.397	122.435	122.480	122.597	122.746	123.986	132.330	172.035	516.526
	.999	123.094	123.095	123.099	123.111	123.132	123.161	123.198	123.244	123.361	123.510	124.750	133.094	172.799	517.290
	.010	117.690	117.691	117.694	117.706	117.725	117.753	117.788	117.832	117.942	118.083	119.256	127.232	166.047	509.643
	.050	118.372	118.373	118.376	118.388	118.408	118.436	118.472	118.515	118.627	118.771	119.963	128.042	167.117	510.978
	.150	118.980	118.981	118.984	118.996	119.017	119.045	119.081	119.126	119.240	119.385	120.594	128.769	168.075	512.169
	.300	119.492	119.493	119.496	119.509	119.529	119.558	119.595	119.640	119.755	119.902	121.125	129.381	168.882	513.172
2.	.500	120.017	120.018	120.021	120.033	120.054	120.083	120.121	120.166	120.283	120.432	121.670	130.011	169.710	514.199
	.700	120.541	120.542	120.545	120.558	120.579	120.609	120.647	120.693	120.811	120.962	122.216	130.642	170.540	515.227
	.900	121.298	121.299	121.303	121.316	121.337	121.367	121.406	121.453	121.573	121.728	123.005	131.555	171.741	516.710
	.950	121.662	121.663	121.666	121.679	121.701	121.731	121.770	121.818	121.939	122.095	123.383	131.995	172.318	517.422
	.990	122.343	122.344	122.348	122.361	122.383	122.414	122.454	122.502	122.626	122.784	124.094	132.822	173.403	518.757
	.999	123.107	123.108	123.112	123.125	123.148	123.179	123.220	123.270	123.396	123.557	124.893	133.753	174.621	520.253
	.010	117.709	117.710	117.712	117.723	117.741	117.766	117.799	117.838	117.939	118.068	119.148	126.655	164.561	507.393
	.050	118.391	118.392	118.395	118.406	118.425	118.451	118.484	118.526	118.630	118.765	119.886	127.624	166.059	509.387
	.150	119.000	119.001	119.004	119.015	119.035	119.062	119.097	119.140	119.248	119.388	120.549	128.500	167.404	511.167
	.300	119.512	119.513	119.516	119.529	119.549	119.577	119.613	119.657	119.769	119.913	121.109	129.245	168.541	512.665
3.	.500	120.037	120.038	120.042	120.054	120.075	120.104	120.141	120.187	120.302	120.451	121.686	130.016	169.711	514.199
	.700	120.562	120.563	120.567	120.580	120.601	120.631	120.670	120.717	120.837	120.991	122.266	130.794	170.886	515.734
	.900	121.320	121.322	121.325	121.339	121.361	121.393	121.434	121.483	121.610	121.772	123.109	131.932	172.592	517.950
	.950	121.684	121.685	121.689	121.703	121.726	121.759	121.800	121.851	121.981	122.147	123.516	132.484	173.414	519.014
	.990	122.367	122.368	122.371	122.386	122.411	122.445	122.489	122.542	122.679	122.853	124.285	133.530	174.963	521.009
	.999	123.132	123.133	123.137	123.152	123.178	123.215	123.261	123.318	123.463	123.648	125.156	134.720	176.708	523.246
	.010	117.733	117.733	117.736	117.745	117.761	117.784	117.813	117.848	117.938	118.053	119.026	126.028	163.038	505.139
	.050	118.416	118.417	118.419	118.430	118.447	118.471	118.501	118.539	118.635	118.759	119.795	127.161	164.970	507.792
	.150	119.026	119.027	119.030	119.041	119.059	119.085	119.117	119.157	119.260	119.391	120.492	128.197	166.711	510.162
	.300	119.540	119.541	119.544	119.555	119.575	119.602	119.636	119.679	119.787	119.926	121.086	129.088	168.188	512.156
4.	.500	120.066	120.067	120.070	120.083	120.103	120.132	120.169	120.214	120.329	120.476	121.702	130.019	169.711	514.199
	.700	120.593	120.594	120.597	120.610	120.632	120.663	120.702	120.750	120.872	121.029	122.328	130.969	171.245	516.243
	.900	121.353	121.354	121.358	121.373	121.397	121.431	121.474	121.527	121.662	121.835	123.250	132.373	173.479	519.194
	.950	121.718	121.720	121.723	121.739	121.764	121.800	121.846	121.902	122.043	122.225	123.702	133.060	174.558	520.611
	.990	122.404	122.405	122.409	122.426	122.455	122.494	122.545	122.607	122.764	122.963	124.565	134.375	176.595	523.268
	.999	123.172	123.174	123.179	123.198	123.231	123.276	123.333	123.404	123.580	123.804	125.562	135.888	178.899	526.248

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v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	117.759	117.760	117.762	117.771	117.785	117.804	117.829	117.860	117.939	118.041	118.903	125.392	161.509	502.883
	.050	118.445	118.446	118.448	118.457	118.473	118.494	118.522	118.556	118.642	118.754	119.700	126.682	163.872	506.196
	.150	119.058	119.059	119.061	119.071	119.088	119.112	119.142	119.179	119.274	119.396	120.428	127.879	166.010	509.156
	.300	119.574	119.575	119.577	119.588	119.607	119.632	119.665	119.706	119.809	119.941	121.057	128.921	167.830	511.647
5.	.500	120.103	120.104	120.107	120.119	120.139	120.167	120.203	120.247	120.360	120.505	121.718	130.021	169.711	514.199
	.700	120.632	120.634	120.637	120.650	120.672	120.704	120.743	120.792	120.917	121.076	122.400	131.155	171.611	516.752
	.900	121.399	121.400	121.404	121.420	121.446	121.482	121.529	121.587	121.732	121.918	123.425	132.853	174.384	520.439
	.950	121.767	121.769	121.773	121.790	121.819	121.858	121.910	121.972	122.130	122.331	123.937	133.692	175.727	522.209
	.990	122.460	122.462	122.467	122.488	122.522	122.570	122.631	122.705	122.891	123.126	124.935	135.311	178.268	525.529
	.999	123.241	123.243	123.250	123.276	123.320	123.380	123.457	123.549	123.777	124.058	126.120	137.192	181.147	529.253
	.010	117.788	117.789	117.790	117.798	117.810	117.827	117.849	117.875	117.944	118.032	118.789	124.767	159.985	500.626
	.050	118.477	118.478	118.480	118.488	118.501	118.521	118.545	118.575	118.652	118.752	119.606	126.201	162.774	504.600
	.150	119.093	119.094	119.096	119.105	119.121	119.142	119.170	119.204	119.291	119.403	120.362	127.554	165.308	508.150
	.300	119.613	119.614	119.616	119.626	119.644	119.668	119.699	119.736	119.833	119.958	121.025	128.748	167.470	511.138
6.	.500	120.146	120.147	120.150	120.162	120.181	120.208	120.243	120.286	120.396	120.537	121.733	130.022	169.711	514.199
	.700	120.682	120.683	120.686	120.699	120.722	120.753	120.793	120.843	120.968	121.130	122.478	131.350	171.980	517.262
	.900	121.459	121.460	121.464	121.481	121.510	121.549	121.600	121.662	121.819	122.020	123.629	133.361	175.301	521.685
	.950	121.834	121.836	121.841	121.860	121.892	121.937	121.995	122.065	122.242	122.467	124.218	134.364	176.913	523.808
	.990	122.545	122.547	122.554	122.580	122.622	122.682	122.757	122.848	123.073	123.352	125.391	136.312	179.967	527.792
	.999	123.359	123.363	123.372	123.411	123.473	123.559	123.665	123.790	124.088	124.440	126.821	138.597	183.436	532.260
	.010	117.846	117.847	117.848	117.854	117.863	117.875	117.892	117.912	117.963	118.029	118.603	123.588	156.975	496.113
	.050	118.544	118.545	118.546	118.552	118.563	118.578	118.597	118.621	118.681	118.759	119.440	125.262	160.592	501.407
	.150	119.170	119.171	119.173	119.180	119.193	119.210	119.233	119.261	119.332	119.424	120.235	126.904	163.903	506.137
	.300	119.701	119.702	119.704	119.713	119.728	119.748	119.775	119.807	119.891	119.999	120.955	128.394	166.747	510.119
8.	.500	120.250	120.251	120.253	120.264	120.282	120.306	120.338	120.378	120.478	120.610	121.759	130.024	169.711	514.199
	.700	120.806	120.807	120.810	120.823	120.845	120.876	120.916	120.965	121.090	121.253	122.648	131.757	172.725	518.282
	.900	121.629	121.631	121.636	121.655	121.687	121.733	121.791	121.863	122.046	122.280	124.114	134.436	177.159	524.179
	.950	122.039	122.041	122.047	122.071	122.112	122.169	122.241	122.330	122.554	122.836	124.900	135.794	179.319	527.009
	.990	122.854	122.857	122.867	122.907	122.974	123.066	123.181	123.317	123.643	124.026	126.524	138.464	183.425	532.322
	.999	123.907	123.914	123.933	124.010	124.131	124.289	124.473	124.676	125.124	125.614	128.577	141.638	188.108	538.279
	.010	117.903	117.903	117.904	117.908	117.915	117.925	117.937	117.952	117.991	118.041	118.477	122.536	154.033	491.601
	.050	118.611	118.611	118.613	118.618	118.626	118.638	118.652	118.671	118.718	118.779	119.316	124.378	158.438	498.215
	.150	119.251	119.251	119.253	119.259	119.269	119.283	119.301	119.324	119.382	119.457	120.129	126.268	162.507	504.124
	.300	119.797	119.798	119.800	119.807	119.820	119.837	119.859	119.887	119.957	120.050	120.889	128.040	166.025	509.100
10.	.500	120.369	120.370	120.372	120.382	120.397	120.419	120.448	120.483	120.573	120.693	121.781	130.025	169.711	514.199
	.700	120.960	120.961	120.964	120.976	120.997	121.027	121.065	121.112	121.235	121.396	122.833	132.178	173.476	519.302
	.900	121.875	121.877	121.882	121.903	121.939	121.990	122.056	122.137	122.347	122.618	124.684	135.571	179.041	526.673
	.950	122.362	122.365	122.372	122.402	122.451	122.521	122.611	122.721	122.998	123.342	125.716	137.314	181.762	530.212
	.990	123.448	123.452	123.467	123.524	123.618	123.746	123.904	124.088	124.511	124.988	127.897	140.772	186.948	536.854
	.999	125.078	125.088	125.115	125.219	125.382	125.589	125.827	126.086	126.648	127.248	130.710	144.925	192.880	544.304

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v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	497.675	497.675	497.676	497.679	497.684	497.691	497.700	497.711	497.739	497.775	498.074	500.168	511.873	704.781
	.050	498.356	498.356	498.357	498.360	498.365	498.372	498.381	498.392	498.420	498.456	498.756	500.850	512.555	705.463
	.150	498.965	498.965	498.966	498.969	498.974	498.981	498.990	499.001	499.029	499.065	499.364	501.458	513.163	706.071
	.300	499.477	499.477	499.478	499.481	499.486	499.493	499.502	499.513	499.541	499.577	499.876	501.970	513.675	706.583
1.	.500	500.001	500.001	500.002	500.005	500.010	500.017	500.026	500.037	500.065	500.101	500.401	502.495	514.199	707.107
	.700	500.525	500.526	500.526	500.529	500.534	500.541	500.550	500.561	500.589	500.625	500.925	503.019	514.724	707.632
	.900	501.283	501.283	501.284	501.287	501.292	501.299	501.308	501.319	501.347	501.383	501.682	503.776	515.481	708.389
	.950	501.646	501.646	501.647	501.650	501.655	501.662	501.671	501.682	501.710	501.746	502.046	504.140	515.844	708.752
	.990	502.327	502.328	502.328	502.331	502.336	502.343	502.352	502.363	502.391	502.427	502.727	504.821	516.526	709.434
	.999	503.091	503.091	503.092	503.095	503.100	503.107	503.116	503.127	503.155	503.191	503.491	505.585	517.290	710.198
	.010	497.678	497.678	497.679	497.682	497.687	497.693	497.702	497.713	497.741	497.776	498.072	500.137	511.695	703.433
	.050	498.359	498.359	498.360	498.363	498.368	498.375	498.384	498.395	498.423	498.458	498.755	500.829	512.429	704.509
	.150	498.968	498.968	498.969	498.972	498.977	498.983	498.992	499.003	499.031	499.067	499.365	501.446	513.084	705.470
	.300	499.480	499.480	499.481	499.484	499.489	499.496	499.505	499.515	499.543	499.579	499.878	501.966	513.636	706.279
2.	.500	500.004	500.004	500.005	500.008	500.013	500.020	500.029	500.040	500.068	500.104	500.404	502.498	514.202	707.108
	.700	500.528	500.529	500.529	500.532	500.537	500.544	500.553	500.565	500.593	500.629	500.929	503.030	514.767	707.937
	.900	501.286	501.286	501.287	501.290	501.295	501.302	501.311	501.322	501.350	501.386	501.688	503.798	515.585	709.135
	.950	501.649	501.649	501.650	501.653	501.658	501.665	501.674	501.685	501.713	501.750	502.053	504.167	515.977	709.710
	.990	502.330	502.331	502.331	502.334	502.339	502.347	502.356	502.367	502.395	502.432	502.736	504.859	516.713	710.790
	.999	503.094	503.095	503.095	503.098	503.103	503.111	503.120	503.131	503.159	503.196	503.502	505.634	517.539	712.000
	.010	497.683	497.683	497.683	497.686	497.691	497.698	497.707	497.717	497.744	497.779	498.068	500.088	511.429	701.919
	.050	498.364	498.364	498.365	498.368	498.373	498.380	498.388	498.399	498.426	498.461	498.754	500.795	512.240	703.436
	.150	498.973	498.973	498.973	498.976	498.981	498.988	498.997	499.008	499.035	499.071	499.366	501.426	512.965	704.793
	.300	499.485	499.485	499.486	499.489	499.493	499.500	499.509	499.520	499.548	499.584	499.881	501.957	513.577	705.936
3.	.500	500.009	500.009	500.010	500.013	500.018	500.025	500.034	500.045	500.073	500.109	500.409	502.502	514.205	707.108
	.700	500.533	500.534	500.534	500.537	500.543	500.550	500.559	500.570	500.598	500.634	500.937	503.047	514.833	708.281
	.900	501.291	501.291	501.292	501.295	501.300	501.307	501.316	501.327	501.356	501.393	501.699	503.834	515.744	709.977
	.950	501.654	501.654	501.655	501.658	501.663	501.670	501.680	501.691	501.720	501.757	502.064	504.212	516.181	710.792
	.990	502.335	502.336	502.337	502.340	502.345	502.352	502.361	502.373	502.402	502.439	502.751	504.922	517.004	712.322
	.999	503.099	503.100	503.100	503.104	503.109	503.116	503.126	503.137	503.167	503.205	503.520	505.718	517.929	714.039
	.010	497.689	497.689	497.690	497.693	497.698	497.704	497.712	497.723	497.749	497.783	498.063	500.024	511.104	700.351
	.050	498.371	498.371	498.372	498.375	498.379	498.386	498.395	498.405	498.432	498.466	498.752	500.750	512.007	702.325
	.150	498.979	498.980	498.980	498.983	498.988	498.995	499.004	499.014	499.041	499.076	499.367	501.399	512.817	704.091
	.300	499.491	499.492	499.492	499.495	499.500	499.507	499.516	499.527	499.554	499.590	499.885	501.946	513.502	705.581
4.	.500	500.016	500.016	500.017	500.020	500.025	500.032	500.041	500.052	500.080	500.116	500.415	502.508	514.207	707.108
	.700	500.541	500.541	500.542	500.545	500.550	500.557	500.566	500.577	500.605	500.642	500.946	503.070	514.915	708.638
	.900	501.298	501.298	501.299	501.302	501.307	501.314	501.324	501.335	501.364	501.402	501.713	503.884	515.945	710.852
	.950	501.661	501.661	501.662	501.665	501.671	501.678	501.687	501.699	501.728	501.766	502.081	504.276	516.441	711.916
	.990	502.343	502.343	502.344	502.347	502.353	502.360	502.370	502.382	502.412	502.450	502.772	505.012	517.377	713.916
	.999	503.107	503.107	503.108	503.111	503.117	503.125	503.134	503.147	503.177	503.217	503.547	505.839	518.433	716.162

u = 1		h = 500.0													
v	P\k	0.0	.50	1	2	3	4	5	6	8	10	20	50	120	500
	.010	497.697	497.698	497.698	497.701	497.705	497.712	497.720	497.730	497.755	497.787	498.057	499.949	510.742	698.763
	.050	498.379	498.379	498.380	498.383	498.388	498.394	498.402	498.413	498.438	498.472	498.749	500.696	511.744	701.199
	.150	498.988	498.988	498.989	498.992	498.997	499.003	499.012	499.022	499.049	499.083	499.368	501.366	512.648	703.380
	.300	499.500	499.501	499.501	499.504	499.509	499.516	499.525	499.535	499.563	499.598	499.890	501.932	513.416	705.220
5.	.500	500.025	500.025	500.026	500.029	500.034	500.041	500.050	500.061	500.089	500.125	500.424	502.514	514.209	707.108
	.700	500.550	500.550	500.551	500.554	500.559	500.566	500.575	500.587	500.615	500.652	500.959	503.099	515.009	709.001
	.900	501.307	501.308	501.308	501.312	501.317	501.324	501.334	501.346	501.375	501.414	501.732	503.947	516.176	711.742
	.950	501.671	501.671	501.672	501.675	501.681	501.688	501.698	501.710	501.740	501.779	502.103	504.357	516.741	713.060
	.990	502.353	502.353	502.354	502.357	502.363	502.371	502.381	502.393	502.425	502.465	502.801	505.128	517.811	715.538
	.999	503.117	503.117	503.118	503.122	503.128	503.136	503.146	503.159	503.192	503.234	503.584	506.000	519.025	718.324
	.010	497.707	497.707	497.708	497.710	497.715	497.721	497.728	497.738	497.762	497.793	498.050	499.865	510.357	697.166
	.050	498.389	498.389	498.390	498.393	498.397	498.404	498.412	498.421	498.446	498.479	498.747	500.634	511.463	700.065
	.150	498.998	498.999	498.999	499.002	499.007	499.013	499.022	499.032	499.058	499.091	499.370	501.327	512.467	702.663
	.300	499.511	499.511	499.512	499.515	499.520	499.526	499.535	499.545	499.572	499.607	499.895	501.914	513.323	704.856
6.	.500	500.036	500.036	500.037	500.040	500.045	500.052	500.061	500.072	500.100	500.135	500.434	502.520	514.210	707.108
	.700	500.561	500.561	500.562	500.565	500.570	500.578	500.587	500.598	500.627	500.664	500.974	503.131	515.110	709.367
	.900	501.319	501.319	501.320	501.324	501.329	501.337	501.346	501.358	501.389	501.428	501.755	504.023	516.430	712.639
	.950	501.683	501.683	501.684	501.687	501.693	501.701	501.711	501.723	501.755	501.795	502.131	504.454	517.072	714.214
	.990	502.365	502.366	502.367	502.370	502.376	502.384	502.395	502.408	502.441	502.484	502.838	505.272	518.292	717.177
	.999	503.131	503.131	503.132	503.136	503.142	503.151	503.162	503.176	503.211	503.257	503.634	506.202	519.685	720.510
	.010	497.730	497.730	497.730	497.733	497.737	497.742	497.749	497.757	497.779	497.806	498.037	499.684	509.555	693.965
	.050	498.413	498.413	498.414	498.416	498.421	498.426	498.434	498.443	498.466	498.495	498.742	500.498	510.871	697.790
	.150	499.024	499.024	499.024	499.027	499.031	499.038	499.045	499.055	499.079	499.111	499.374	501.238	512.080	701.223
	.300	499.537	499.538	499.538	499.541	499.546	499.552	499.560	499.571	499.597	499.630	499.908	501.872	513.121	704.125
8.	.500	500.064	500.064	500.065	500.068	500.073	500.079	500.088	500.099	500.127	500.162	500.458	502.533	514.212	707.108
	.700	500.590	500.590	500.591	500.594	500.600	500.607	500.616	500.628	500.657	500.695	501.011	503.207	515.328	710.104
	.900	501.351	501.351	501.352	501.355	501.361	501.369	501.380	501.393	501.425	501.467	501.815	504.206	516.983	714.449
	.950	501.716	501.716	501.717	501.721	501.727	501.736	501.747	501.760	501.795	501.839	502.205	504.696	517.796	716.543
	.990	502.401	502.402	502.403	502.407	502.413	502.423	502.435	502.450	502.489	502.538	502.943	505.639	519.354	720.485
	.999	503.170	503.170	503.172	503.176	503.184	503.195	503.209	503.226	503.270	503.326	503.783	506.734	521.153	724.927
	.010	497.756	497.756	497.756	497.758	497.762	497.766	497.772	497.780	497.799	497.823	498.027	499.500	508.744	690.766
	.050	498.441	498.441	498.442	498.444	498.448	498.453	498.460	498.468	498.489	498.515	498.739	500.353	510.263	695.514
	.150	499.054	499.054	499.055	499.057	499.061	499.067	499.074	499.083	499.106	499.135	499.380	501.139	511.677	699.780
	.300	499.570	499.570	499.571	499.573	499.578	499.584	499.592	499.602	499.626	499.658	499.924	501.822	512.910	703.391
10.	.500	500.099	500.099	500.100	500.103	500.107	500.114	500.123	500.134	500.161	500.195	500.486	502.545	514.214	707.108
	.700	500.628	500.629	500.629	500.633	500.638	500.645	500.655	500.667	500.697	500.735	501.056	503.293	515.560	710.844
	.900	501.394	501.395	501.396	501.399	501.406	501.415	501.426	501.440	501.475	501.520	501.894	504.427	517.579	716.271
	.950	501.763	501.763	501.764	501.768	501.775	501.785	501.797	501.812	501.850	501.900	502.306	504.995	518.579	718.888
	.990	502.455	502.456	502.457	502.462	502.470	502.482	502.497	502.515	502.561	502.619	503.097	506.106	520.512	723.821
	.999	503.236	503.236	503.238	503.244	503.255	503.270	503.289	503.312	503.370	503.444	504.025	507.428	522.766	729.386

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